

# ATTACHMENT C-2

SAN FRANCISCO

Sodium Silicate N	July 30, 1975
Dowanol EM	August 28, 1974
Dowanol EE	August 28, 1974
Propylene Glycol - Industrial	April 16, 1974
Toluol	April 26, 1974
Tergitol 08/Emery Emersol 6465 (anionic)	March 19, 1974
Ethylene Glycol Tech.	December 28, 1973
Methylene Chloride	December 28, 1973
Styrene Monomer	February 23, 1973
Formic Acid 90%	October 5, 1972
Caustic Potash Liquid	August 1, 1972
Monoethanalamine 85%	March 21, 1972
Monoethanalamine	March 21, 1972
Butyl Cellosolve	October 7, 1971
Methyl Ethyl Ketone	October 8, 1971
Acetone	OCTOBER 8, 1971
Methanol	October 8, 1971
Isopropanol	October 8, 1971
Caustic Soda Liquid 50%	October 8, 1971
Sodium Bichromate	11/7/75

# APPROVED LIST OF REPACK ITEMS

SAN FRANCISCO BAY BRANCH - EFFECTIVE 12/15/71

The following list constitutes all of the items and containers for same for which the San Francisco Bay Branch has been granted approval. Any additions to this list should be requested on the "Request to Repackage" form. Advise Region by memo of any deletions.

<u>ITEM OR COMPOUND</u>	<u>CONTAINER</u> (See Number Code on 2nd Sheet)
✓ Acetic Acid, Glacial	1, 14
✓ Acetic Acid 80%	1
✓ Acetone	3, 4, 11
✓ *Algesept	14, 15
✓ Aqua Ammonia 26°	1, 14
✓ Butyl Cellosolve	5, 6
✓ Caustic Soda Liquid 50%	3, 4, 17
✓ Caustic Soda Gluconated	3, 4, 17
✓ Chlorothene NU	3, 4, 5, 6
✓ Chlorothene VG	3, 4, 5, 6 and Bulk
✓ Formaldehyde 37%	1, 14, 18
✓ Glycerine 96%	14
✓ Isopropanol 99%	3, 4, 5, 6, 11, 12, 13
✓ Methanol	3, 4, 5, 6, 11, 12, 13
✓ Methyl Ethyl Ketone	3, 4, 5, 6, 11, 12, 13
✓ Muriatic Acid 20	1, 9, 14
✓ Muriatic Acid Inhibited	1, 9, 14
✓ Nitric Acid 42°	7, 8, 9
✓ *Packers Spray	6
✓ Perchlorethylene	13
✓ Phosphoric Acid 75%	1, 9, 15, 16
✓ Pyrotox Concentrate	13
✓ Pyrrox No. 44	(See Muriatic, Inhibited)
✓ Pyrrox No. 68	14, 15
✓ Pyrrox No. 75	15
✓ Sodium Silicate	13
✓ Solvent 30	3, 4, 5, 6, 13
✓ Sulphuric Acid 66°	2, 9
✓ *Surfax	5, 6, 14
✓ Toluol	11, 12, 13
✓ Trichlorethylene	3, 4, 5, 6, 13 and Bulk

\*Registered Economic Poisons

(Continued)

CONTAINER REFERENCE

<u>CODE NO.</u>	<u>DESCRIPTION</u>
D-1	55 Gallon Poly Lined Returnable Drum (18 Gauge Steel W/2SL Liner)
D-2	Same as 1 only 16 Gauge
A-3	DOT 17E 55 Gal., 18 Gauge new Non-returnable
A-4	Same as 3 only Recoopered by DOT Authorized Agency
A-5	DOT 17E 55 Gal. 18/20 Gauge new Non-returnable
A-6	Same as 5 only Recoopered by DOT Authorized Agency
E-7	55 Gal. Stainless Steel DOT 5C Returnable
J-8	15 Gallon Stainless Steel Returnable
I-9	15 Gal. Rigid Polyethylene Returnable
10	8 1/2 Gal. Stainless Steel Returnable
R-11	DOT Spec. 12B Fibreboard boxes with not over 1 Gal. Metal Can Enclosed
Q-12	DOT Spec. 15A, 15B, 15C, 16A, 19A, 19B Wooden Boxes with inside metal Cans not over 10x1 Gal. Cans each Non-returnable
P-13	DOT Spec. 12B - Fibreboard Boxes with inside Metal Cans not over 4x1 cans each Non-returnable
R-14	DOT Spec. 12A or 12B - Fibreboard Boxes with inside Polyethylene Containers not over 1 Gallon each. Gross Weight of completed package not to exceed 65 pounds. Non-returnable
S-15	20 Gallon Liquipack drum - non-returnable
T-16	30 Gallon Liquipack drum - Non-returnable
C-17	DOT Spec. 5B 16 Gauge Steel drum returnable
B-18	DOT 17E 55 Gallon 18/20 gauge with suitable baked on lining

Foremost-McKesson Inc.

TRA-COMPANY CORRESPONDENCE

DATE: December 17, 1971

TO: Mr. L. R. Vaught  
San Francisco Bay Branch

FROM: COMPANY: McKesson Chemical

LOCATION: Pac. Regional Office

INDIVIDUAL: B. L. WILCOX, JR.

SUBJECT: REPACK LIST

COPIES TO: Messrs: A. S. Barada  
A. M. McMahon  
R. F. Tomeo  
G. A. Hein  
R. Matheisl

Here is the "authorized" repack list promised. This is a consolidation of all previous lists, letters, additions, deletions, etc. which has been confusing for all of us. I appreciate you jogging me on this.

If we have omitted anything or if you have any questions, please advise.

BLW/jh

Attachment

# San Francisco Repack Appraisals

- Acetone 10/8/71
- Aluminum Sulfate Tech 8.25% 8/16/78
- n-Butyl Acetate 7/1/80
- Butyl Carbitol
- Butyl Cellosolve 10/7/71
- Caustic Potash 45% 10/1/72
- Caustic Soda liquid 50% 10/8/71
- Caustic Soda Solutions
- Caustic Soda Gluconates
- Cellosolve Acetate
- Cellosolve Solvent 10/17/80
- Chlorine Liquid
- Chlorothene SM
- Chlorothene VG
- Cyclohexanone 10/16/80
- Diethylene Glycol
- Dowanol DM 12/1/82
- " DPM
- " EB
- " EE 10/16/80
- " PM 10/14/82

~~EtHyl~~

EtHyl Acetate 99% 2/26/82  
Ethylene Glycol Tech 12/28/73  
Ethylene Glycol Inhibitor  
Fleono

Hydrochloric Acid 20°

Sub 6/1/81

Hydrogen Peroxide Reagent 31% 6/12/81

Isoflorone 4/4/83

Isoopropanol 99% 10/8/71

Isoopropanol Acetate 3/5/82

K-7lex DP 12/1/82

Liquid Bleach 6/3/83

Methanol 10/8/71

Methylene Chloride 12/28/73

Methyl Ethyl Ketone 10/8/71

Mucic Spirit 8/24/82

Neodol 25

" 25-35 5/28/80

" 91-2.5 5/27/80

" 91-6 5/28/80

" 91-8 5/28/80

Nitric Acid 42°

Perchloroethylene

Phosphoric Acid 75%

Poly EM-40 3/2/83

Propylene Glycol IND 4/26/74

Pyrox 44

Pyrox 75

Shell Sol 72 8/10/83

Styrene Monomer 2/23/73

Sulfuric Acid 66°

Sulfur Dioxide lig

Tergitol NP-9

" 15-S-12

Toluol 4/26/74

Toluol 6 3/9/82

Trichloroethylene

III - Trichloroethylene

Triethanolamine 85%

Triton N-101 7/24/79

Triton X-45 5/14/79

Triton X-100 2/28/73 ~~7/24/79~~ 5/28/83

Triton X-114

Versene 100 10/14/82

Xylo (xylene) 8/23/83

Freon TE 5/25/83

" TES 5/25/83

" TMC 5/25/83

" TA 5/25/83

" TF 5/25/83



McKESSON CHEMICAL COMPANY  
APPROVAL TO REPACKAGE

BRANCH San Francisco Branch REQUEST DATED 6-18-71 REGION APPROVED 6-28-71

ITEM Acetone GRADE \_\_\_\_\_

SUPPLIER(S) Union Carbide Corp.

PACKED FROM Compartment Tank Trucks

DOT REGULATED Yes COMMODITY LABEL McKesson (2PIA/A22PSI)

CONTAINER TYPE DOT 17E Full 18 Ga. NET CONTENTS 350 lbs.

☒ NON-RETURNABLE ☐ RETURNABLE AT \$ \_\_\_\_\_ DEPOSIT

FLASH POINT 4 °F

SPECIAL NOTES AND/OR PRECAUTIONS :

- o Prior to filling, each drum must be reconditioned by a reliable Drum House in accordance with DOT regulations for reuse and bear the DOT stamp. Drums must be full 18 gauge.
- o No open flame or unprotected lights permitted in repack area.
- o Static Grounding equipment must be used. Inspect before each use.
- o Be cautious of contamination when switching compartments. Carefully flush the system and observe a sample to be sure.
- o Stencil each drum "Acetone-Red Label".

HOME OFFICE APPROVAL *Ed Bernick* DATE OCT 8 1971

The Regional Office will insert below and on the reverse side special instructions, procedures, tips on safety and handling as an aid to the Branch in utilizing the facilities and equipment available to them in the most efficient manner. When completed, sign and date the form and send copies to the Branch, along with copies for Home Office, Region and District files.

OCT 08 1971

COMPLETED BY

TITLE

DATE

McK00632

HOME OFFICE REVIEW OF BRANCH REQUEST TO REPACKAGE

Branch San Francisco Bay Date Rec'd 6-30-71 Item ACETONE

	<u>APPROVAL:</u>	<u>Yes</u>	<u>No</u>	<u>Initial &amp; Date</u>
1.	A. S. Barada	<input checked="" type="checkbox"/>	<input type="checkbox"/>	ASB 8/26/71
2.	R. D. Shaw	<input checked="" type="checkbox"/>	<input type="checkbox"/>	RDS 8-2-71
3.	J. P. Hobe	<input type="checkbox"/>	<input type="checkbox"/>	
4.	V. T. Staraci	<input checked="" type="checkbox"/>	<input type="checkbox"/>	VTS 8/2/71
5.	C. A. Gafney	<input checked="" type="checkbox"/>	<input type="checkbox"/>	CAG 8-26-71

40% FASIT

Please return to A. S. Barada

Comments:

2. ASB has approved. Profit growth potential good, will be improved even further if satisfactory source of recovered containers can be located. See related requests for Methanol, Butyl Cellosolve, MEK, and IPA. Good sales growth anticipated on all items.

4) ASB OK

5) CAG OK

REQUEST TO REPACKAGE

(Revised - Jan. 1971)

Branch San Francisco Bay Chemical

Date June 18, 1971

Name and Grade of Item to be Repacked Acetone

Instructions - A separate form must be completed for each package size.  
Insert information where requested and delete units which  
which do not apply. Where comments are requested, be as  
complete as possible yet concise.

A. CURRENT INFORMATION

1. Name of Supplier Union Carbide Corporation
2. How is material now being obtained? Truckload of drums
3. Size and type of container 55 gallon steel drums non returnable
4. Net Weight 357 lbs.
5. Amount of Supplier's Container Deposit \$ none
6. Present cost into stock including freight but less any allowances
  - a) Unit Cost \$ 9.04 (cwt) (~~gal~~)
  - b) Package Cost \$ 32.27 each
7. Number of Current Branch Customers 17
8. Average monthly Sales to these Customers 18 (drums) (~~drums~~)/mo.

B. PACKAGING PROPOSAL

1. Name of Supplier (s) Union Carbide Corporation
2. Is material to be Packed from Supplier's Drums? ☐ Yes ☒ No  
If yes, Supplier's container Deposit is \$ \_\_\_\_\_  
If no, complete items 3 and 4 below
3. 1,000 gallons of Bulk material will be received in (multi) (single) ~~compartment~~ compartment (~~tank truck~~) (tank truck). If more than one compartment identify other items in the load Methanol, isopropyl Alcohol, Methyl Ethyl Ketone, Butyl Cellosolve, Cellosolve Solvent

JUN 30 1971

McK00634

4. Bulk Material will be loaded: ☐ Into a storage tank

☒ Directly into Containers ☐ Other (explain) \_\_\_\_\_

5. Each container is to be filled to 350 (lbs) (~~gross~~ net and is,

☒ Non-Returnable (N/R) which meets DOT\* Specification 17E

costing \$ 8.40 each. A lining is required ☐ Yes ☒ No

☐ Returnable and the Deposit to Customers is to be \$ \_\_\_\_\_

Type of Style Container \_\_\_\_\_

Sufficient containers are presently on hand ☐ Yes ☒ No

must purchase 50 at \$ 8.40 each

6. McKesson label, Code Number 2 PIAR will be used. If a McKesson label is not available, attach a copy of the Supplier's label.

7. Estimate Repack Cost - Use latest Branch Repack Quarterly Analysis of cost to estimate direct labor and overhead. Consult Regional Accounting Office if information is not available. Information is taken from report for period ending 3-31-71.

	Per Package	Unit Cost
a) Bulk Material	20.02	5.72/Cwt.
b) N/R Container	8.20	2.35/Cwt.
c) Direct labor	.21	.06/Cwt.
d) Overhead	.95	.27/Cwt.
e) Total cost to repack	29.38	8.40/Cwt.
f) Present cost (A-6)	31.64	9.04/Cwt.
g) Additional Profits	2.26	.64

Amount of profit improvement through repacking (existing business)

$$\frac{18}{\text{Avg Sales/mo (A-8)}} \times \frac{2.26}{\text{Add'l Profit/Pkg}} \times 12 = \$ 488.16 \text{ per year}$$

\* Used containers to be used if an authorized recoper with good drums is available @

\* Department of Transportation

8. Does the Branch have up-to-date Supplier's literature concerning potential hazards and their recommendations for handling and storing this material? ☒ Yes ☐ No. If not has this literature been requested? ☐ Yes ☐ No.
9. As classified by DOT, is this material "regulated"? ☒ Yes ☐ No  
If yes, the required Caution label is ☐ White ☐ Yellow  
☒ Red ☐ Other, explain \_\_\_\_\_
10. To handle this item, Branch Repackaging facilities:  
☒ Are adequately equipped requiring only a nominal amount of expense estimated at \$ \_\_\_\_\_ for miscellaneous hose, fittings, etc.  
☐ Will require additional equipment or modification of a Capital nature estimated at \$ \_\_\_\_\_. This is provided in the Budget ☐ Yes ☐ No.  
Furnish complete details.

C. PERSONNEL REQUIREMENTS - Advise if additional employees will be needed and the resulting additional labor expense.  
If additional person will be needed for all packaging requests.

D. ADVANTAGES AND OTHER COMMENTS

1. As a result of repacking, additional business can be expected in the near term as follows:

- a) Number of new accounts 40  
b) Additional packages to be sold 800 per year  
c) Additional annual sales \$ 27,600.00  
d) Additional gross profit \$ 4,080.00

2. Besides an apparent savings, just why is this repackaging being requested? If a competitive situation is involved, briefly discuss who, where and the exact nature of the competition.

Permits us to meet competitive prices in drums and allows to drop ship on LTL orders, competitive is V.W.&R Great Wester, Ashland, Amsio, Central Solvent, and Western Chemical

*SR Taubert* 6-22-71  
(Branch Manager) (Date)

*DR Brown* 6/24/71  
(District Manager) (Date)

*Arthur W. L. 6/28/71*  
(Regional Manager) (Date)

McKESSON CHEMICAL COMPANY  
APPROVAL TO REPACKAGE

Branch San Francisco Request Date June 29, 1978 Region Approved 07/27/78

Item Aluminum Sulfate, Liquid Request to Repack Shows  
Present Sales \_\_\_\_\_/Yr  
Supplier(s) Stauffer Chemical Addn. Sales \_\_\_\_\_/Yr  
Allied Chemical

Packed From Tank Truck INTERIM LABEL UNTIL A25.5 PSI IS AVAILABLE  
USING B30 PSI - CUT OFF BUTYL CELLOSOLUC BETA  
BLACK OUT COMBUSTIBLE  
STENCIL ABOVE LABEL ALUMINUM SULFATE LIQUID

DOT Regulated No Commodity Label A25.5 PSI

Container Type 55 Gal. Polydrum Net Contents 525 lbs.

☐ Non-Returnable ☒ Returnable at \$ 30 Deposit

Flash Point -- °F TLV -- Min. Storage Temp. -- °F

SPECIAL NOTES AND/OR PRECAUTIONS

Empty drums returned from customers must be properly inspected and washed as required.

New McKesson Label A25.5 PSI will be used. For interim, stencil product name and apply text portion of label B 30 PSI below stencil.

HOME OFFICE APPROVAL C.R. Riney Date August 16, 1978

The Regional Office will insert below and on the reverse side special instructions, procedures, tips on safety and handling as an aid to the branch in utilizing the facilities and equipment available to them in the most efficient manner. When completed, sign and date the form and send copies to the branch, along with copies for Home Office, region and district files.

Completed By \_\_\_\_\_ Title \_\_\_\_\_ Date \_\_\_\_\_

Carl

REVIEW OF BRANCH REQUEST TO REPACKAGE

Branch San Francisco Request Date 6/29/78 Region Approved 7/27/78  
 Item Aluminum Sulfate, Liq. Request to Repack Shows  
 Present Sales 360 Dm/Yr  
 Addn. Sales — /Yr  
 Repack Cost \$5.22/c  
 Proj. GP \$45-48/Yr.  
 Supplier(s) Stauffer  
Allied  
 Packed From Tank Truck  
 DOT Regulated No. Commodity Label (New Mck)  
 Container Type 55 Gal Polydrum Net Contents 525 Lbs.

☐ Non-Returnable ☒ Returnable at \$ 30 Deposit  
 Flash Point — °F TLV — Min. Storage Temp. — °F

	Yes	No	Initial and Date
1. C. R. Piercy	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<u>Op 7/31/78</u>
2. G. N. Butter	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<u>MB 8/1/78</u>
3. B. L. Wilcox, Jr.	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<u>MB 8/1/78</u>
4. G. R. Fischer	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<u>MB 8-4-78</u>
5. <del>M. W. Tuxson</del> RPP	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<u>DR.</u>
6. C. R. Piercy	<input checked="" type="checkbox"/>	<input type="checkbox"/>	

COMMENTS:

- ① No ops problems. GMS: Note sample of label provided w/ request. MSOS requested.
  - ② Rec. note if this product is sold to customers with use in Beverage or food industry. You may need Food Grade or AWWA - (American Water Works Ass'n) compliance. In which case a "mixed" repack procedure and tests will be needed! Label make up scheduled.
  - ③ Additional profits shown of 27.39 per poly is because the material is not available from a supplier other than Bulk. our market is in containers only.
- Repack Code: see over

Non-Food -  
 flocculation only  
 (Alumina) 2/10/78  
 J. Fuller  
 8/13/78

Repack Code:

④

→ New McKesson label to be used.

①⑦ "Aluminum Sulfate, Liq."



Foremost-McKesson, Inc.

INTRA-COMPANY CORRESPONDENCE

DATE: 27 July, 1978

TO: G. N. Butter,  
Home Office Chemical

FROM: LOCATION: Western Region - Chemical

INDIVIDUAL: W. B. Westrope, Jr.

COPIES TO: A. M. McMahon, Western Region      SUBJECT: REQUEST TO REPACKAGE

Attached for Home Office approval is Request to Repackage  
Liquid Aluminum Sulfate at the San Francisco Bay Branch.  
We also request the printing of 1,000 labels for this  
service.

  
W. B. Westrope, Jr.

mm

attach.

RECEIVED

JUL 31 1978

Foremost-McKesson, Inc.

INTER-OFFICE/INTRA-COMPANY MEMO

TO		FROM	
LOCATION AND COMPANY San Francisco Bay Chem Branch	LOCATION AND COMPANY HOC	DATE 7/31/78	
ATTENTION OF Bob Mowers	INDIVIDUAL (ORIGINATOR) Perry	ADDITIONAL COPIES TO Westroppe	
SUBJECT Resack Request - Alum. Sulfate.		M. Tuxton	
MESSAGE			
Bob - Since Bill is on vacation would you please shout me an MDS on subject?			
Cp.			
THIS IS PENDING COPY FOR ORIGINATOR			
(Destroy When Permanent File Copy Is Received)			

3

ORIGINATOR'S FILE COPY

(RETAIN THIS COPY FOR YOUR PENDING FILE.)

McK00641

REQUEST TO REPACKAGE  
(Revised - Jan. 1971)

Branch S.F. Bay

Date 6-29-78

Name and Grade of Item to be Repacked Liquid Aluminum Sulfate

Instructions - A separate form must be completed for each package size.  
Insert information where requested and delete units which  
which do not apply. Where comments are requested, be as  
complete as possible yet concise.

A. CURRENT INFORMATION

1. Name of Supplier Stauffer Chem or Allied
2. How is material now being obtained? Bulk Tanker
3. Size and type of container NA TYPE "O" 30<sup>00</sup> DEPOSIT
4. Net Weight 505 lbs.
5. Amount of Supplier's Container Deposit \$ NA
6. Present cost into stock including freight but less any allowances
  - a) Unit Cost \$ 85.65 / TON (cwt) (gal)
  - b) Package Cost \$ 27.35 each
7. Number of Current Branch Customers 1 - Fresno - 5
8. Average monthly Sales to these Customers 30-40 (drums) (~~kegs~~) / mo.

B. PACKAGING PROPOSAL

1. Name of Supplier(s) Allied Chem + Stauffer Chem
2. Is material to be Packed from Supplier's Drums? ☐ Yes ☒ No  
If yes, Supplier's container Deposit is \$ \_\_\_\_\_  
If no, complete items 3 and 4 below
3. 1 to 4m gallons of Bulk material will be received in (multi) (single) compartment (tank car) (tank truck). If more than one compartment identify other items in the load \_\_\_\_\_

4. Bulk Material will be loaded: ☐ Into a storage tank  
☒ Directly into Containers ☐ Other (explain) \_\_\_\_\_
5. Each container is to be filled to 525 (lbs) (gal) net and is,  
☒ Non-Returnable (N/R) which meets DOT\* Specification \_\_\_\_\_  
costing \$ \_\_\_\_\_ each. A lining is required ☐ Yes ☒ No  
☒ Returnable and the Deposit to Customers is to be \$ 30.00  
Type of Style Container ACT I or ACT II  
Sufficient containers are presently on hand ☒ Yes ☐ No  
must purchase \_\_\_\_\_ at \$ \_\_\_\_\_ each
6. McKesson label, Code Number New Mck Label will be used. If a McKesson label is not available, attach a copy of the Supplier's label.
7. Estimate Repack Cost - Use latest Branch Repack Quarterly Analysis of cost to estimate direct labor and overhead. Consult Regional Accounting Office if information is not available. Information is taken from report for period ending 07.39 EA.

	Per Package	Unit Cost
a) Bulk Material	18.17 E	
b) N/R Container	NA	
c) Direct labor	1.34 E	
d) Overhead	7.88 E	
e) Total cost to repack	27.39 E	
f) Present cost (A-6)	Not buying this size	
g) Additional Profits	27.39	5.22 <sup>498 GAL</sup>

Amount of profit improvement through repacking (existing business)

$$\begin{aligned}
 & \text{35 drums} = \text{1905} \times \text{J79.00} \times 12 = \$ 4548.00 \text{ per year} \\
 & \text{Avg Sales/mo (A-8)} \quad \text{Add'l Profit/Pkg}
 \end{aligned}$$

Ave. Selling Price - TO OUR CUSTOMER = 1.97 GAL  
 FROM OUR SELLING PRICE - .695 GAL = .197 GAL PROFIT

8. Does the Branch have up-to-date Supplier's literature concerning potential hazards and their recommendations for handling and storing this material? ☒ Yes ☐ No. If not has this literature been requested? ☐ Yes ☐ No.
9. As classified by DOT, is this material "regulated"? ☐ Yes ☒ No  
If yes, the required Caution label is ☐ White ☐ Yellow  
☐ Red ☐ Other, explain \_\_\_\_\_
10. To handle this item, Branch Repackaging facilities:  
☒ Are adequately equipped requiring only a nominal amount of expense estimated at \$ -0- for miscellaneous hose, fittings, etc.  
☐ Will require additional equipment or modification of a Capital nature estimated at \$ \_\_\_\_\_. This is provided in the Budget ☐ Yes ☐ No  
Furnish complete details.

C. PERSONNEL REQUIREMENTS - Advise if additional employees will be needed and the resulting additional labor expense.

D. ADVANTAGES AND OTHER COMMENTS

1. As a result of repacking, additional business can be expected in the near term as follows:
- a) Number of new accounts UNKNOWN
  - b) Additional packages to be sold \_\_\_\_\_ per year
  - c) Additional annual sales \$ \_\_\_\_\_
  - d) Additional gross profit \$ \_\_\_\_\_
2. Besides an apparent savings, just why is this repackaging being requested? If a competitive situation is involved, briefly discuss who, where and the exact nature of the competition.

THIS PRODUCT IS USED IN WATER TREATMENT. WE EXPECT  
A GOOD GROWTH IN NEAR FUTURE

ERMWOS

(Branch Manager) (Date)

MW Lusin

(District Manager) (Date)

MW 7/27/78

(Regional Manager) (Date)

# ALUMINUM SULFATE SOLUTION

**CAUTION! LIQUID CAUSES SKIN AND EYE IRRITATION**

In case of contact with eyes or skin, immediately flush with plenty of water for at least 15 minutes; for eyes get medical attention.

NET

FOR MANUFACTURING USE ONLY

87A028



**McKESSON  
CHEMICAL**

McKESSON CHEMICAL COMPANY  
DIVISION OF McKESSON CORPORATION  
NEW YORK, N.Y. 10017

McKESSON CHEMICAL COMPANY  
APPROVAL TO REPACKAGE

Branch San Francisco Request.                      Region                       
Date 5/20/80 Approved 6/8/80

Item <u>N-Butyl Acetate</u>	Request to Repack Shows
Supplier(s) <u>Union Carbide</u>	Present Sales _____ 520 Dm. /Yr
<u>Celanese</u>	Addn. Sales _____ /Yr

Packed From Comp. Tanker

DOT Regulated yes - Flammable

Commodity Label B25 5PS1

Container Type DOT 17E - 55 Gal.  
New or Reconditioned

Net Contents 400 Lbs.

☒ Non-Returnable      ☐ Returnable at \$ \_\_\_\_\_ Deposit

Flash Point 72 °F TLV 150 ppm Min. Storage Temp.            °F

## SPECIAL NOTES AND/OR PRECAUTIONS

- Reconditioned drums are authorized, provided that each is reconditioned by a reliable drum house prior to filling. Each drum must have been reconditioned in accordance with DOT regulations and bear the DOT approval stamp.
- No open flame or unprotected lights permitted in repack area.
- Static grounding equipment must be used. Inspect before each use.
- Be cautious of contamination when switching compartments. Carefully flush the system and observe a sample to be sure.
- In addition to labeling, stencil each drum "N-Butyl Acetate" as above.

HOME OFFICE APPROVAL *C. R. Finney* Date July 1, 1980

C. R. Piercy

The Regional Office will insert below and on the reverse side special instructions, procedures, tips on safety and handling as an aid to the branch in utilizing the facilities and equipment available to them in the most efficient manner. When completed, sign and date the form and send copies to the branch, along with copies for Home Office, region and district files.

Completed By	Title	Date
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6/16

## REVIEW OF BRANCH REQUEST TO REPACKAGE

Branch San Francisco Request Date 5/20/80Region Approved 6/8/80Item N-Butyl Acetate

Request to Repack Shows

Present Sales 520 Dm/YrAddn. Sales /YrRepack Cost \$40.01/cProj. Savings \$7.49/c  
\$16,000/Yr.Supplier(s) Union CarbideCalanesePacked From Comp. TankerDOT Regulated Yes - FlamCommodity Label B25.5PS1Container Type DOT 17E-55 Gal  
New or Recand.Net Contents 400 lbs☒ Non-Returnable☐ Returnable at \$ \_\_\_\_\_ DepositFlash Point 72 °FTLV 150

	Yes	No	Initial and Date
1. C. R. Piercy	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<u>6/11/80</u>
2. G. N. Butter	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<u>6/11/80</u>
3. D. A. Davis	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<u>6/23/80</u>
4. G. R. Fischer	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<u>6/23/80</u>
5. C. R. Piercy	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<u>6/23/80</u>

COMMENTS: 1.) No operational problems anticipated.Repack Costs

(3)

(8)

(9)

(12)

(17)

as above



To:  
Carl Piercy - Home Office

Date:  
June 5, 1980

FOREMOST  
McKESSON

Copies To:

From:  
Location:  
Western Region - Chemical

Individual:  
Bill Westrope

Subject:  
Request to Repackage

Enclosed for Home Office approval is request to repackage N-Butyl  
Acetate at our S. F. Bay Branch.

*Bill Westrope*

Bill Westrope

SW

Encl.

## REQUEST TO REPACKAGE

(Revised - Jan. 1971)

JUN 2 1980

Branch S.F. Bay Los Angeles DistrictDate May 20, 1980Name and Grade of Item to be Repacked N-Butyl Acetate V.G.

Instructions - A separate form must be completed for each package size.  
Insert information where requested and delete units which  
do not apply. Where comments are requested, be as  
complete as possible yet concise.

A. CURRENT INFORMATION

1. Name of Supplier Union Carbide/ Celanese
2. How is material now being obtained? Factory Packed Drums
3. Size and type of container 55 Gal - 17E Steel Drum
4. Net Weight 400 lbs.
5. Amount of Supplier's Container Deposit \$ -
6. Present cost into stock including freight but less any allowances
  - a) Unit Cost \$ 47.50 (cwt) (gals)
  - b) Package Cost \$ 190.00 (each)
7. Number of Current Branch customers 2
8. Average monthly Sales to these Customers 45 (drums) (cbs)/mo.

B. PACKAGING PROPOSAL

1. Name of Supplier(s) Union Carbide/Celanese
2. Is material to be Packed from Supplier's Drums? ☐ Yes ☒ No  
If yes, Supplier's container Deposit is \$ \_\_\_\_\_  
If no, complete items 3 and 4 below
3. 6,000 gallons of Bulk material will be received in (multi)  
compartment (~~tank-car~~) (tank truck). If more than one compartment  
identify other items in the load IPA/Acetone and other combinable  
items from U.C. Terminal

4. Bulk Material will be loaded: ☐ Into a storage tank  
☒ Directly into Containers ☐ Other (explain) \_\_\_\_\_
5. Each container is to be filled to 400 (lbs.) (gal) net and is,  
☒ Non-Returnable (N/R) which meets DOT\* Specification 17F  
(new drums)  
costing \$ 17.95 each. A lining is required ☐ Yes ☒ No  
☐ Returnable and the Deposit to Customers is to be \$ -  
Type of Style Container \_\_\_\_\_  
Sufficient containers are presently on hand ☐ Yes ☒ No  
must purchase 100 at \$ 17.95 each
6. McKesson label, Code Number B25.5PSI will be used. If a McKesson Label is not available, attach a copy of the Supplier's label.
7. Estimate Repack Cost - Use latest Branch Repack Quarterly Analysis of cost to estimate direct labor and overhead. Consult Regional Accounting Office if information is not available. Information is taken from report for period ending \_\_\_\_\_

		Per Package	Unit Cost
a)	Bulk Material	138.72	.3468
b)	N/R Container	17.95	.0448
c)	Direct Labor	.20	.0005
d)	Overhead	3.20	.008
e)	Total cost to repack	160.04	.4001
f)	Present cost (A-6)	190.00	.475
g)	Additional Profits	29.96	.0749

Amount of profit improvement through repacking (existing business)

45 X 29.96 X 12 16,178.00 per year  
Avg. Sales/mo (A-8) Add'l Profit/Pkg

(Revised - Jan. 1971)

8. Does the Branch have up-to-date Supplier's literature concerning potential hazards and their recommendations for handling and storing this material? ☒ Yes ☐ No. If not has this literature been requested? ☐ Yes ☐ No.
9. As classified by DOT, is this material "regulated"? ☒ Yes ☐ No  
If yes, the required Caution label is ☐ White ☐ Yellow  
☒ Red ☐ Other, explain \_\_\_\_\_
10. To handle this item, Branch Repackaging facilities:  
☒ Are adequately equipped requiring only a nominal amount of expense  
Estimated at \$ -0- for miscellaneous hose, fittings, etc.  
☐ Will require additional equipment or modification of a Capital nature  
estimated at \$ \_\_\_\_\_ This is provided in the Budget  
☐ Yes ☐ No. Furnish complete details.

C. PERSONNEL REQUIREMENTS - Advise if additional employees will be needed and the resulting additional labor expense.

No additions

D. ADVANTAGE AND OTHER COMMENTS

1. As a result of repacking, additional business can be expected in the near term as follows:
- a) Number of new accounts \_\_\_\_\_
  - b) Additional packages to be sold \_\_\_\_\_ per year
  - c) Additional annual sales \$ \_\_\_\_\_
  - d) Additional gross profit \$ \_\_\_\_\_
2. Besides an apparent savings, just why is this repackaging being requested? If a competitive situation is involved, briefly discuss who, where and the exact nature of the competition.

Amos 5-26-80 (Branch Manager) (Date) 6-2-80 (District Manager) (Date) 6/1/80 (Regional Manager) (Date)  
BETH 4/4/80

McKESSON CHEMICAL COMPANY  
APPROVAL TO REPACKAGE

BRANCH San Francisco Bay Branch REQUEST DATED 6-18-71 REGION APPROVED 6-28-71  
ITEM Butyl Cellosolve GRADE \_\_\_\_\_  
SUPPLIER(S) Union Carbide Corp

VERBAL APPROVAL GIVEN EARLIER

PACKED FROM Compartment Tank Trucks  
DOT REGULATED No COMMODITY LABEL McKesson (30P1A/B29PS1)  
CONTAINER TYPE DOT 17E 20/18 Drums NET CONTENTS 419 lbs  
☒ NON-RETURNABLE ☐ RETURNABLE AT \$ \_\_\_\_\_ DEPOSIT  
FLASH POINT 157°F °F

SPECIAL NOTES AND/OR PRECAUTIONS :

- o Reconditioned drums are authorized provided that they are Class A, free of dents, etc. Each drum must be carefully inspected internally for contamination. Drums will have been reconditioned by a reliable drum house prior to filling.
- o Avoid contamination when switching compartments.
- o Use static ground equipment since companion products require its use.
- o Stencil each drum "BUTYL CELLOSOLVE" for positive identification.
- o Minimum storage temperature -20°F.

HOME OFFICE APPROVAL *CB Bandy* DATE OCT 7 1971

The Regional Office will insert below and on the reverse side special instructions, procedures, tips on safety and handling as an aid to the Branch in utilizing the facilities and equipment available to them in the most efficient manner. When completed, sign and date the form and send copies to the Branch, along with copies for Home Office, Region and District files.

OCT 08 1971

McK00652

HOME OFFICE REVIEW OF BRANCH REQUEST TO REPACKAGE

Branch SAN FRANCISCO BAY Date Rec'd 6-30-71 Item BUTYL CELLOSOLVE

	<u>APPROVAL:</u>	<u>Yes</u>	<u>No</u>	<u>Initial &amp; Date</u>
1.	A. S. Barada	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<u>CSB 8/26/71</u>
2.	R. D. Shaw	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<u>RWS 8/2/71</u>
3.	J. P. Hobe	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<u>CSB 8/15/71</u>
4.	V. T. Staraci	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<u>CSB 8/16/71</u>
5.	C. A. Gafney	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<u>CSB 8-26-71</u>

Please return to A. S. Barada

Comments:

2. ASB has approved. Good sales and profit growth. Profits can be further increased if can locate good source of recovered drums. See related requests for MEK, IPA, Methanol, & Acetone.

4) 2/28

157°F Flash  
-20°F Min Storage

REQUEST TO REPACKAGE  
(Revised - Jan. 1971)

Branch San Francisco Bay Chemicals

Date June 18, 1971

Name and Grade of Item to be Repacked Butyl Cellosolve

Instructions - A separate form must be completed for each package size. Insert information where requested and delete units which which do not apply. Where comments are requested, be as complete as possible yet concise.

A. CURRENT INFORMATION

1. Name of Supplier Union Carbide Corporation
2. How is material now being obtained? Drum T/L Combination
3. Size and type of container 55 Gallon 17E Steel Drum
4. Net Weight 410# lbs.
5. Amount of Supplier's Container Deposit \$ none
6. Present cost into stock including freight but less any allowances
  - a) Unit Cost \$ 19.35 (cwt) (gal)
  - b) Package Cost \$ 79.34 each
7. Number of Current Branch Customers 4
8. Average monthly Sales to these Customers 3 (drums) ~~(cwt)~~ /mo.

B. PACKAGING PROPOSAL

1. Name of Supplier (s) Union Carbide Corporation
2. Is material to be Packed from Supplier's Drums? ☐ Yes ☒ No  
If yes, Supplier's container Deposit is \$ \_\_\_\_\_  
If no, complete items 3 and 4 below
3. 1,000 gallons of Bulk material will be received in (multi) ~~(single)~~ compartment ~~(tank truck)~~ (tank truck). If more than one compartment identify other items in the load Acetone, Methyl Ethyl Ketone, Isopropanol, Methanol

JUN 30 1971

McK00654

4. Bulk Material will be loaded: ☐ Into a storage tank  
☒ Directly into Containers ☐ Other (explain) \_\_\_\_\_
5. Each container is to be filled to 419 (lbs) (gal) net and is,  
☒ Non-Returnable (N/R) which meets DOT\* Specification 17E  
costing \$ 8.20 each. A lining is required ☐ Yes ☒ No  
☐ Returnable and the Deposit to Customers is to be \$ \_\_\_\_\_  
Type of Style Container \_\_\_\_\_  
Sufficient containers are presently on hand ☐ Yes ☒ No  
must purchase 20 at \$ 8.20 each
6. McKesson label, Code Number 30SIA will be used. If a McKesson label is not available, attach a copy of the Supplier's label.
7. Estimate Repack Cost - Use latest Branch Repack Quarterly Analysis of cost to estimate direct labor and overhead. Consult Regional Accounting Office if information is not available. Information is taken from report for period ending 3931-71.

	Per Package	Unit Cost
a) Bulk Material	66.42	16.20/Cwt.
b) N/R Container	8.20	2.00/Cwt.
c) Direct labor	.25	.06/Cwt.
d) Overhead	1.11	.27/Cwt.
e) Total cost to repack	75.98	18.53/Cwt.
f) Present cost (A-6)	79.34	19.35/Cwt.
g) Additional Profits	3.36	.82/Cwt.

Amount of profit improvement through repacking (existing business)

$$\frac{3}{\text{Avg Sales/mo (A-8)}} \times \frac{3.36}{\text{Add'l Profit/Pkg}} \times 12 = \$ 120.96 \text{ per year}$$

*\* Used drums to be used if available*

\* Department of Transportation

McK00655



8. Does the Branch have up-to-date Supplier's literature concerning potential hazards and their recommendations for handling and storing this material? ☒ Yes ☐ No. If not has this literature been requested? ☐ Yes ☐ No.
9. As classified by DOT, is this material "regulated"? ☐ Yes ☒ No  
If yes, the required Caution label is ☐ White ☐ Yellow  
☐ Red ☐ Other, explain \_\_\_\_\_
10. To handle this item, Branch Repackaging facilities:  
☒ Are adequately equipped requiring only a nominal amount of expense estimated at \$ \_\_\_\_\_ for miscellaneous hose, fittings, etc.  
☐ Will require additional equipment or modification of a Capital nature estimated at \$ \_\_\_\_\_. This is provided in the Budget ☐ Yes ☐ No.  
Furnish complete details.

C. PERSONNEL REQUIREMENTS - Advise if additional employees will be needed and the resulting additional labor expense.

if additional person will be needed for all packaging requests

D. ADVANTAGES AND OTHER COMMENTS

1. As a result of repacking, additional business can be expected in the near term as follows:

- a) Number of new accounts 10  
b) Additional packages to be sold 240 per year  
c) Additional annual sales \$ 21,120.00  
d) Additional gross profit \$ 2,064.00

2. Besides an apparent savings, just why is this repackaging being requested? If a competitive situation is involved, briefly discuss who, where and the exact nature of the competition.

SR Vaught 6-22-71  
(Branch Manager) (Date)

[Signature] 6/24/71  
(District Manager) (Date)

[Signature] 6/28/71  
(Regional Manager) (Date)

McKESSON CHEMICAL COMPANY  
APPROVAL TO REPACKAGE

Branch San Francisco Request Dated 7-10-72 Region-Approved 7-20-72

Item Caustic Potash Liquid Grade 50%, 48%, 45%

Supplier(s) Sobin Chemicals, Inc.

Packed From Single Compartment Tank Car

DOT Regulated Yes Corrosive Liquid

Commodity Label McKesson C29PSIB

Container Type New DOT 17-E White Label 55 gallons

Net Contents 680 lbs.

☒ Non-Returnable

☐ Returnable at \$\_\_\_\_\_ deposit

Flash Point N/A °F

SPECIAL NOTES AND/OR PRECAUTIONS:

- o Minimum storage temperature is -10°F.
- o Running water should be immediately available nearby.
- o Stencil each drum "Caustic Potash Liquid". In addition, stencil the Deposit value and the Branch address on deposit containers.

HOME OFFICE APPROVAL

*C. Burdick*

Date AUG 1 1972

The Regional Office will insert below and on the reverse side special instructions, procedures, tips on safety and handling as an aid to the Branch in utilizing the facilities and equipment available to them in the most efficient manner. When completed, sign and date the form and send copies to the Branch, along with copies for Home Office, Region, and District files.

Completed by: \_\_\_\_\_ Title: \_\_\_\_\_ Date: \_\_\_\_\_

McK00657

August 1, 1972

Home Office Chemical

A. S. Barada, III

Bruce Wilcox,  
Pacific Chemical Region

A. M. McMahon,  
Pacific Chemical Region

REQUEST TO REPACKAGE  
SAN FRANCISCO BRANCH  
CAUSTIC POTASH LIQUID

Here is the approval for subject repackaging strengths of 50%, 48%, and 45%.

As I mentioned to Skip when he was in New York, and to you during our telephone conversation, approval has been granted on the basis of using new DOT 17-E drums only.

Meanwhile, we will continue our pursuit of the possibility of obtaining a special permit from the Hazardous Materials Board of DOT so that reconditioned 17-E drums which have been properly inspected, tested, and stamped could be used.

This will also acknowledge receipt of the very old Special Test Permit issued by T. C. George of the Bureau of Explosives covering the reuse of 17-E drums for 50% Liquid Caustic Soda. Inasmuch as both products are corrosive liquid, it would seem that this would be a fair basis on which we could test our case of having had much past experience in this entire matter.

Incidentally, if it would appear at all favorable, we would have no objection to adding our approval to use the Delaware polydrums. If so, let me know and I will do what is necessary.

ASB/lak

A. S. Barada, III

# HOME OFFICE REVIEW OF BRANCH REQUEST TO REPACKAGE

Branch SAN FRANCISCO Request Dated 7/10/72 Region Approved 7/20/72  
 Item CAUSTIC POTASH Liquid Grade 50% 48% 45%  
 Supplier(s) SOBIN CHEMICALS, INC.

Packed From SINGLE COMPARTMENT TANK CAR  
 DOT Regulated YES CORROSIVE LIQUID, WHITE LABEL Commodity Label McKESSON C29PSIB  
 Container Type NEW DOT 17E 55 GAL Net Contents 680 LBS  
☒ Non-Returnable AND ☒ Returnable at \$ 8.00 Deposit  
 Flash Point N/A °

	YES	NO	INITIAL & DATE
1. A. S. Barada	<input checked="" type="checkbox"/>	<input type="checkbox"/>	ASB 7/28/72
2. J. P. Hobe	<input checked="" type="checkbox"/>	<input type="checkbox"/>	108 8/1/72
3. V. T. Staraci	<input checked="" type="checkbox"/>	<input type="checkbox"/>	7/31/72
4. C. A. Gafney	<input type="checkbox"/>	<input type="checkbox"/>	

① - 100F  
 0- RUNNING WATER  
 SHOULD BE IMMEDIATELY  
 AVAILABLE NEARBY.

ORIGINAL REQUEST FOR RETON 170'S - DISCUSSED WITH SICIP 7/27. NOT AUTHORIZED.  
 WE HAY GO FOR S.P. WITH DET. RET. DRUMS WOULD BE RECOMMENDED FOR RETON  
 PRODUCTS. SICIP AGREES - NOT POTENTIAL BUSINESS - WITHIN ASSIST INVENTORY  
 NOW CONSISTENTLY - SO UNTIL WE CAN OBTAIN A S.P. NO WILL GO  
 WITH ONLY NEW 17E DRUMS

AUG 1 1972

OK to GRANT APPROVAL - VTS

Stencil exact Drum " " IN

ADDITION, ON DEPOSIT CONTAINERS, Stencil  
 THE

LIQUID, MAKE IT #16, DRUMS

From the desk of  
BRUCE L. WILCOX

AS Barada III  
Sens it Both ways -  
Discussion with  
JUL 24 1972 skip-  
Agrees on only  
New 17-15.

REQUEST TO REPACKAGE

(Revised - Jan. 1971)

Branch San Francisco Bay

Date 7/10/72

Name and Grade of Item to be Repacked Liquid Caustic Potash  
\*50%, 48% and 45% are requested. Most existing business is 50% but both 48% & 45%  
are required by a small number of accounts.  
Instructions: A separate form must be completed for each package size.

Insert information where requested and delete units which  
which do not apply. Where comments are requested, be as  
complete as possible yet concise.

A. CURRENT INFORMATION

1. Name of Supplier McKesson Chemical - Los Angeles
2. How is material now being obtained? District Truck
3. Size and type of container 55 Gallon Drum 17E Steel Drums
4. Net Weight 680 lbs.
5. Amount of Supplier's Container Deposit \$ NA
6. Present cost into stock including freight but less any allowances
  - a) Unit Cost \$ 8.73 (cwt) ~~(XXX)~~
  - b) Package Cost \$ 59.33 each
7. Number of Current Branch Customers 10
8. Average monthly Sales to these Customers 15 (drums) ~~(XXX)~~/mo.

B. PACKAGING PROPOSAL

1. Name of Supplier (s) Sobin Chemicals, Inc.
2. Is material to be Packed from Supplier's Drums? ☐ Yes ☒ No  
If yes, Supplier's container Deposit is \$ \_\_\_\_\_  
If no, complete items 3 and 4 below
3. 16,000 gallons of Bulk material will be received in ~~(XXXX)~~ (single)  
compartment (tank car) ~~(XXXXXXXXXX)~~. If more than one compartment  
identify other items in the load \_\_\_\_\_

4. Bulk Material will be loaded: ☐ Into a storage tank Into 4,000 Gallon  
☒ Directly into Containers ☒ Other (explain) Tank Trucks
5. Each container is to be filled to 680 (lbs) (gal) net and is, (18 Gauge)  
☒ Non-Returnable (N/R) which meets DOT\* Specification 17E (Used)  
costing \$ 6.50 each. A lining is required ☐ Yes ☒ No  
☒ Returnable and the Deposit to Customers is to be \$ 8.00  
Type of Style Container 17E (18 Gauge) An effort is to be made to get  
local drum customers to pay deposits in order to reduce drum cost.  
Sufficient containers are presently on hand ☒ Yes ☐ No  
must purchase \_\_\_\_\_ at \$ \_\_\_\_\_ each
6. McKesson label, Code Number C29PS1B will be used. If a McKesson label  
is not available, attach a copy of the Supplier's label. For 50% the strength  
will be altered on the label and label P33PS8 "Protect from Freezing" shall be added.
7. Estimate Repack Cost - Use latest Branch Repack Quarterly Analysis of added.  
cost to estimate direct labor and overhead. Consult Regional Accounting  
Office if information is not available. Information is taken from report  
for period ending 3/31/72.

Calculations based on 50% Material

	Per Package	Unit Cost
a) Bulk Material 50%	39.08	5.748/Cwt.
b) N/R Container	6.50	.96/Cwt.
c) Direct labor	.68	.10/Cwt.
d) Overhead	3.40	.50/Cwt.
e) Total cost to repack	49.66	7.308/Cwt.
f) Present cost (A-6)	59.33	8.73/Cwt.
g) Additional Profits	9.67	1.422/Cwt.

Amount of profit improvement through repacking (existing business)

(48% Mat'l) 15 X 9.67 X 12 = \$ 1,740.60 per year  
Avg Sales/mo (A-8) Add'l Profit/Pkg

8. Does the Branch have up-to-date Supplier's literature concerning potential hazards and their recommendations for handling and storing this material? ☒ Yes ☐ No. If not has this literature been requested? ☐ Yes ☐ No.

9. As classified by DOT, is this material "regulated"? ☒ Yes ☐ No

If yes, the required Caution label is ☒ White ☐ Yellow

☐ Red ☐ Other, explain \_\_\_\_\_

10. To handle this item, Branch Repackaging facilities:

☒ Are adequately equipped requiring only a nominal amount of expense estimated at \$ 50.00 for miscellaneous hose, fittings, etc.

(See Attached) ☒ Will require additional equipment or modification of a Capital nature estimated at \$ 500.00. This is provided in the Budget ☐ Yes ☒ No.  
Furnish complete details.

- C. PERSONNEL REQUIREMENTS - Advise if additional employees will be needed and the resulting additional labor expense.

No additional employees needed.

D. ADVANTAGES AND OTHER COMMENTS

1. As a result of repacking, additional business can be expected in the near term as follows: See attached sheet.

- a) Number of new accounts 5-Bulk, 5-Drums.  
b) Additional packages to be sold 200 Drums/ per year  
1,000,000# Bulk  
c) Additional annual sales \$ 100,090  
d) Additional gross profit \$ 10,048.

2. Besides an apparent savings, just why is this repackaging being requested? If a competitive situation is involved, briefly discuss who, where and the exact nature of the competition.  
Sobin is turning over bulk business to us and wants to establish us as a terminal for their product. In addition to increasing our profit picture on drums of Caustic Potash we will have additional new business in bulk deliveries of 4,000 gallon tank trucks. Material will be unloaded from trip leased tank cars directly into stainless steel tank trucks.

James R. Smith 7-17-72  
(Branch Manager) (Date)

[Signature] 7/17/72  
(District Manager) (Date)

[Signature] 7/17/72  
(Regional Manager) (Date)



Sales and Profit are computed as follows:

(Bulk Sales)

Raw Material Cost	5.748/Cwt.
Labor	.052/Cwt.
Overhead	.50/Cwt.
	6.30/Cwt.
Selling Price	6.70/Cwt.
PROFIT	.40/Cwt.

Sales on 1,000,00 # Bulk	\$67,000.00
Profit on Bulk Deliveries	4,000.00
Profit on Sales of New Drum Customers	6,048.00
Profit on New Customers	<u>\$10,048.00</u>

We intend to use air for unloading tank cars, but we intend to investigate the efficiency of a centrifugal pump, additional hose and some electrical wiring. Consequently, we have included the need for \$500.00 capital expenditure should this be necessary.

McKESSEN CHEMICAL COMPANY.  
APPROVAL TO REPACKAGE

BRANCH San Francisco REQUEST DATED 6-18-71 REGION APPROVED 6-28-71

ITEM Caustic Soda Liquid 50% GRADE \_\_\_\_\_

SUPPLIER(S) PPG Industries

PACKED FROM Single Compartment Tank Truck

DOT REGULATED Yes COMMODITY LABEL McKesson (6SIA/C30PSIB)

CONTAINER TYPE DOT 5B 16 Gauge <sup>149017</sup> NET CONTENTS 700 lbs.

☐ NON-RETURNABLE ☒ RETURNABLE AT \$ 8.00 DEPOSIT

FLASH POINT N/A °F

SPECIAL NOTES AND/OR PRECAUTIONS :

- o Minimum storage temperature is 60 °F.
- o Prior to filling, each drum must be reconditioned by a reliable Drum House.
- o Stencil each drum "Caustic Soda Liquid 50%- White Label".

HOME OFFICE APPROVAL

*C. B. Bandy*

DATE OCT 8 1971

The Regional Office will insert below and on the reverse side special instructions, procedures, tips on safety and handling as an aid to the Branch in utilizing the facilities and equipment available to them in the most efficient manner. When completed, sign and date the form and send copies to the Branch, along with copies for Home Office, Region and District files.

OCT 08 1971

COMPLETED BY \_\_\_\_\_

TITLE \_\_\_\_\_

DATE \_\_\_\_\_

McK00665

McKESSEON CHEMICAL COMPANY  
APPROVAL TO REPACKAGE

BRANCH SP REQUEST DATED 6-18-71 REGION APPROVED 6-28-71  
ITEM CAUSTIC SODA ~~50%~~ LIQUID 50% GRADE \_\_\_\_\_  
SUPPLIER(S) P.P.G. INDUSTRIES

PACKED FROM SINGLE COMPARTMENT TANK TRUCK  
DOT REGULATED YES COMMODITY LABEL 100K (651A/C30PS1B)  
DOT 6B 16 GROSS ~~50% LIQUID 50%~~ NET CONTENTS 700 CBS  
CONTAINER TYPE ~~50% LIQUID 50%~~

☐ NON-RETURNABLE ☒ RETURNABLE AT \$ 8 DEPOSIT

FLASH POINT N/A °F

SPECIAL NOTES AND/OR PRECAUTIONS :

- 1 60°F
- 2
- 13 "CAUSTIC SODA LIQUID 50% - WHITE LABEL"

HOME OFFICE APPROVAL \_\_\_\_\_ DATE \_\_\_\_\_

The Regional Office will insert below and on the reverse side special instructions, procedures, tips on safety and handling as an aid to the Branch in utilizing the facilities and equipment available to them in the most efficient manner. When completed, sign and date the form and send copies to the Branch, along with copies for Home Office, Region and District files.

COMPLETED BY \_\_\_\_\_ TITLE \_\_\_\_\_ DATE \_\_\_\_\_

McK00666

# HOME OFFICE REVIEW OF BRANCH REQUEST TO REPACKAGE

Branch SAN FRANCISCO BAY Date Rec'd 6-30-71 Item CAUSTIC SODA 50% LIQUID

APPROVAL:		Yes	No	Initial & Date
1.	A. S. Barada	<input checked="" type="checkbox"/>	<input type="checkbox"/>	ASB 8/26/71
2.	R. D. Shaw	<input checked="" type="checkbox"/>	<input type="checkbox"/>	RDW 8/2/71
3.	J. P. Hobe	<input checked="" type="checkbox"/>	<input type="checkbox"/>	JPH 8/2/71
4.	V. T. Staraci	<input checked="" type="checkbox"/>	<input type="checkbox"/>	VTS 8/26/71
5.	C. A. Gafney	<input checked="" type="checkbox"/>	<input type="checkbox"/>	CAG 8-26-71

Min  
60° F STORAGE

Please return to A. S. Barada

## Comments:

2. Request for change in container only - from new N/R drums to returnable SB drums. Excellent profit improvement plus excellent potential sales growth thru ability to be fully competitive by using the returnable container. ASB approves as to container, procedure, etc.

4) Container deposit - 8<sup>00</sup> - Container Cost 9<sup>95</sup> -  
This is not good practice. In other areas using SB's we have been trying to keep deposit value higher than cost of purchasing container. Would this be possible in this case?

5.) It would seem to me that we should get several trips out of a SB. Does this answer URS?

REQUEST TO REPACKAGE

(Revised - Jan. 1971)

Branch San Francisco Bay Chemical

Date June 18, 1971

\* Name and Grade of Item to be Repacked Caustic Soda 50% Liquid

Instructions - A separate form must be completed for each package size.  
Insert information where requested and delete units which  
which do not apply. Where comments are requested, be as  
complete as possible yet concise.

\* *Previously authorized but all packaging has been in new NR drums.*

A. CURRENT INFORMATION

1. Name of Supplier PPD Industries
2. How is material now being obtained? 4,000 Gallon T/T
3. Size and type of container 55 Gallon 17E Steel Drums
4. Net Weight 700 lbs.
5. Amount of Supplier's Container Deposit \$ N/A
6. Present cost into stock including freight but less any allowances
  - a) Unit Cost \$ 3.58 (cwt) (~~gal~~)
  - b) Package Cost \$ 25.06 each
7. Number of Current Branch Customers 12
8. Average monthly Sales to these Customers 16 (drums) (~~cases~~) / mo.

B. PACKAGING PROPOSAL

1. Name of Supplier (s) PPG Industries
2. Is material to be Packed from Supplier's Drums? ☐ Yes ☒ No  
If yes, Supplier's container Deposit is \$ \_\_\_\_\_  
If no, complete items 3 and 4 below
3. 4,000 gallons of Bulk material will be received in (~~multiple~~) (single)  
compartment (~~truck~~ car) (tank truck). If more than one compartment  
identify other items in the load \_\_\_\_\_

JUN 30 1971

McK00668

4. Bulk Material will be loaded: ☒ Into a storage tank  
☐ Directly into Containers ☐ Other (explain) \_\_\_\_\_
5. Each container is to be filled to 700 (lbs) ~~(net)~~ net and is,  
☐ Non-Returnable (N/R) which meets DOT\* Specification \_\_\_\_\_  
costing \$ \_\_\_\_\_ each. A lining is required ☐ Yes ☐ No  
☒ Returnable and the Deposit to Customers is to be \$ 8.00  
Type of Style Container 55 Gallon ICC 58 Drums  
Sufficient containers are presently on hand ☐ Yes ☒ No  
must purchase 100 at \$ ~~8.50~~ 9.96 each
6. McKesson label, Code Number 651A will be used. If a McKesson label is not available, attach a copy of the Supplier's label.
7. Estimate Repack Cost - Use latest Branch Repack Quarterly Analysis of cost to estimate direct labor and overhead. Consult Regional Accounting Office if information is not available. Information is taken from report for period ending 3-31-71.

	Per Package	Unit Cost
a) Bulk Material	14.35	2.05/Cwt.
b) N/R Container	* <u>4.70</u>	
c) Direct labor	.56	.08/Cwt.
d) Overhead	4.06	.58/Cwt
e) Total cost to repack	18.97	2.71/Cwt.
f) Present cost (A-6)	25.06	3.58/Cwt.
g) Additional Profits	6.09	.87/Cwt.

Amount of profit improvement through repacking (existing business)

$$\frac{16}{\text{Avg Sales/mo (A-8)}} \times \frac{6.09}{\text{Add'l Profit/Pkg}} \times 12 = \$1,169.28 \text{ per year}$$

\* New drum plus 2 reuses for a turn of 3 times

\* Department of Transportation

8. Does the Branch have up-to-date Supplier's literature concerning potential hazards and their recommendations for handling and storing this material? ☒ Yes ☐ No. If not has this literature been requested? ☐ Yes ☐ No.
9. As classified by DOT, is this material "regulated"? ☒ Yes ☐ No  
If yes, the required Caution label is ☒ White ☐ Yellow  
☐ Red ☐ Other, explain \_\_\_\_\_
10. To handle this item, Branch Repackaging facilities:  
☒ Are adequately equipped requiring only a nominal amount of expense estimated at \$ none for miscellaneous hose, fittings, etc.  
☐ Will require additional equipment or modification of a Capital nature estimated at \$ \_\_\_\_\_. This is provided in the Budget ☐ Yes ☐ No.  
Furnish complete details.

C. PERSONNEL REQUIREMENTS - Advise if additional employees will be needed and the resulting additional labor expense.

1 additional person required for all repacking requests

D. ADVANTAGES AND OTHER COMMENTS

1. As a result of repacking, additional business can be expected in the near term as follows:
- a) Number of new accounts 25
  - b) Additional packages to be sold 850 per year
  - c) Additional annual sales \$ 20,000.00
  - d) Additional gross profit \$ 5,000.00
2. Besides an apparent savings, just why is this repackaging being requested? If a competitive situation is involved, briefly discuss who, where and the exact nature of the competition.  
Must be competitive on this staple to industries we serve. Major competition is Jones Chemical, V.W&R. and Great Western and Western-Chemical. All offer returnable drums at prices we could not justifiably meet before

JR Vaught 6-22-71  
(Branch Manager) (Date)

JR Finner 6/24/71  
(District Manager) (Date)

Amundson 6/28/71  
(Regional Manager) (Date)

McKESSON CHEMICAL COMPANY  
APPROVAL TO REPACKAGE

Branch San Francisco Request Date 9/9/80 Region Approved 9/23/80  
Item Cellosolve Solvent  
Supplier(s) Union Carbide Request to Repack Shows  
Present Sales 480 DMS /Yr  
Addn. Sales \_\_\_\_\_ /Yr  
Packed From Comp. Tanker  
DOT Class Non-regulated Commodity Label C32PS5  
Container Type DOT 17E - 55 Gal Net Weight 428 lbs.  
New or Record

☒ Non-Returnable ☐ Returnable  
Flash Point 108 °F TLV 100 Other Hazard \_\_\_\_\_  
Product waste to be regarded as hazardous: YES ☐ NO ☒

SPECIAL NOTES AND/OR PRECAUTIONS

- Exhaust equipment must be operating during filling.
- Static grounding equipment must be used. Inspect before each use.
- Be cautious of contamination when switching compartments. Carefully flush the system and observe a sample to be sure.
- In addition to labeling, stencil each drum "Cellosolve Solvent".

HOME OFFICE APPROVAL C.R. Piercy Date 10/17/80  
C.R. Piercy

The Regional Office will insert below and on the reverse side special instructions, procedures, tips on safety and handling as an aid to the Branch in utilizing the facilities and equipment available to them in the most efficient manner.

Completed By \_\_\_\_\_ Title \_\_\_\_\_ Date \_\_\_\_\_

McK00671



REVIEW OF BRANCH REQUEST TO REPACKAGE

Branch San Francisco Request Date 9/9/80 Region 9/25/80  
 Approved (Dow and EE)

Item Oellosolve Solvent Request to Repack Shows  
 Supplier(s) Union Carbide Present Sales 480 Dms/Yr  
Dow (Dow) Addn. Sales — /Yr  
 Packed From Comp. Tanker Repack Cost \$ 45.75  
 DOT Regulated No. Proj. Savings \$1.25/c \$4600/Yr.  
 Container Type DOT 17E-55 Gal Commodity Label C 32 PS 5  
New or Recond. Net Contents 428 Lbs.  
☒ Non-Returnable ☐ Returnable at \$ \_\_\_\_\_ Deposit  
 Flash Point 108 °F TLV 100 (skin)

Product waste to be regarded as hazardous: YES ☐ NO ☐

	YES	NO	Initial and Date
1. C.R. Piercy	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<u>Op 10/9/80</u>
2. G.N. Butter	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<u>GB 10/9/80</u>
3. D.A. Davis	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<u>GB 10/9/80</u>
4. G.R. Fischer	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<u>GB 10.10.80</u>
5. C.R. Piercy	<input type="checkbox"/>	<input type="checkbox"/>	

COMMENTS: 1.) No ops problems anticipated.

Repack Code:

(7)

(9)

(12)

(17) as above

60/2/80

REQUEST TO REPACKAGE

(Revised - Jan. 1971)

Branch S. F. Bay

Date 9-9-80

Name and Grade of Item to be Repacked Cellosolve Solvent

Instructions - A separate form must be completed for each package size.  
Insert information where requested and delete units which  
do not apply. Where comments are requested, be as  
complete as possible yet concise.

A. CURRENT INFORMATION

1. Name of Supplier Union Carbide
2. How is material now being obtained? Bulk
3. Size and type of container 55 gal DOT 17-E Reconditioned
4. Net Weight 428# lbs.
5. Amount of Supplier's Container Deposit \$ None
6. Present cost into stock including freight but less any allowances
  - a) Unit Cost \$ .48# (cwt) (gal.)
  - b) Package Cost \$ 205.44 (each)
7. Number of Current Branch customers 2
8. Average monthly Sales to these Customers 40 drums (drums) (cbs)/mo.

B. PACKAGING PROPOSAL

1. Name of Supplier(s) Union Carbide
2. Is material to be Packed from Supplier's Drums? ☐ Yes ☒ No  
If yes, Supplier's container Deposit is \$ \_\_\_\_\_  
If no, complete items 3 and 4 below
3. 2,500 gallons of Bulk material will be received in (multi)  
compartment (tank car) (tank truck). If more than one compartment  
identify other items in the load \_\_\_\_\_

4. Bulk Material will be loaded: ☐ Into a storage tank  
☒ Directly into Containers ☐ Other (explain) \_\_\_\_\_
5. Each container is to be filled to 428# (lbs.) (gal) net and is,  
☒ Non-Returnable (N/R) which meets DOT\* Specification \_\_\_\_\_  
costing \$ \_\_\_\_\_ each. A lining is required ☐ Yes ☒ No  
☐ Returnable and the Deposit to Customers is to be \$ \_\_\_\_\_  
Type of Style Container \_\_\_\_\_  
Sufficient containers are presently on hand ☒ Yes ☐ No  
must purchase \_\_\_\_\_ at \$ \_\_\_\_\_ each
6. McKesson Label, Code Number C32PS5 (5x5 PS) will be used. If a McKesson Label is not available, attach a copy of the Supplier's label.
7. Estimate Repack Cost - Use latest Branch Repack Quarterly Analysis of cost to estimate direct labor and overhead. Consult Regional Accounting Office if information is not available. Information is taken from report for period ending \_\_\_\_\_

	Per Package	Unit Cost
a) Bulk Material	174.62	40.80/c
b) N/R Container	14.80	.0346#
c) Direct Labor	.68	.0015#
d) Overhead	5.56	1.30#
e) Total cost to repack	195.83	.4575#
f) Present cost (A-6)	205.44	.48#
g) Additional Profits	9.59	.0225

Amount of profit improvement through repacking (existing business)

40 \_\_\_\_\_ X 9.59 X 12 \$4,603.20 per year  
Avg. Sales/mo (A-8) Add'l Profit/Pkg

(Revised - Jan. 1971)

8. Does the Branch have up-to-date Supplier's literature concerning potential hazards and their recommendations for handling and storing this material? ☒ Yes ☐ No. If not has this literature been requested? ☐ Yes ☐ No.
9. As classified by DOT, is this material "regulated"? ☐ Yes ☒ No  
If yes, the required Caution label is ☐ White ☐ Yellow  
☐ Red ☐ Other, explain \_\_\_\_\_
10. To handle this item, Branch Repackaging facilities:  
☒ Are adequately equipped requiring only a nominal amount of expense  
Estimated at \$ None for miscellaneous hose, fittings, etc.  
☐ Will require additional equipment or modification of a Capital nature  
estimated at \$ \_\_\_\_\_ This is provided in the Budget  
☐ Yes ☐ No. Furnish complete details.

- C. PERSONNEL REQUIREMENTS - Advise if additional employees will be needed and the resulting additional labor expense.

*no extra*

- D. ADVANTAGE AND OTHER COMMENTS

1. As a result of repacking, additional business can be expected in the near term as follows:
- a) Number of new accounts \_\_\_\_\_
  - b) Additional packages to be sold \_\_\_\_\_ per year
  - c) Additional annual sales \$ \_\_\_\_\_
  - d) Additional gross profit \$ \_\_\_\_\_
2. Besides an apparent savings, just why is this repackaging being requested? If a competitive situation is involved, briefly discuss who, where and the exact nature of the competition.

David Alzome 9/16/80 [Signature] 9/19/80 [Signature]  
(Branch Manager) (Date) (District Manager) (Date) (Regional Manager) (Date)  
*Rec'd Workshop 9/23*

McKESON CHEMICAL COMPANY  
APPROVAL TO REPACKAGE

Branch/PRF San Francisco Region Approved 3/21/86  
Item Chlorothene SM Product Code 01260069  
Supplier(s) \_\_\_\_\_ TOSCA No.(s) \_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_  
Packed From \_\_\_\_\_ UN/NA # UN 2831  
DOT Hazard Class OSHA Commodity Label C-102 Custom Label  
DOT Shipping Name 1,1,1-Trichloroethane Net Weight(s) 592 lbs.  
Container Type 54 gal new drum  
\_\_\_\_\_

☒ Non-Returnable ☐ Returnable

Sp.Gr. \_\_\_\_\_ Flash Point \_\_\_\_\_ °F TLV \_\_\_\_\_ Other Hazard \_\_\_\_\_  
Product waste to be regarded as HAZARDOUS: Yes ☒ No ☐

SPECIAL NOTES AND/OR PRECAUTIONS

HOME OFFICE APPROVAL

*Steven*

Date:

3/24/86

McK00676

MAILBOX RECEIPT

03/21/86

NEXT: N (D T N)

DEST: 001 BUS-FUNC: ALL-DEST: N  
ATTN: HARRIET TASK FROM: ALLEN LEVAN  
FROM: 508 DATE-SENT: 03/21/86 TIME-SENT: 10:47:31

RE: CHLOROTHENE SM SOLVENT

ON 3/7/86 I REQUESTED THROUGH THE REGION OFFICE A NEW PRODUCT CODE

FOR UNION CITY SERVICE CTR FOR CHLOROTHENE SM SOLVENT REPACKED IN NEW

DRUMS. WHAT WE HAVE IN THE SYSTEM NOW IS JUST IN RECONS.. CAN YOU PLEASE

HELP ME WITH THIS!!! ANY QUESTION JUST CALL 415-8207415.....

THANKS, AL

01260031 New drum  
union City only

3/24  
Marianne,  
Repack approval  
needed.  
Hst,  
Harriet

McK00677

# PRODUCT SKU MAINTENANCE

03/24/86

NEXT: S (P S V A B D R T)

A/C: *A* PROD-CD: 01260031 ALIAS:

SUPLR-ID: 00273840 *Dow*

PROD-CD PROD-NAME

ALPHA-SEQ

FORMULA

01260031 1,1,1 TRICHLOROETHANE

TRICHLOROETHANE

C2H3CL3

TYP MKT RPT-GRPS HAZ MSD MSD-DT -----TSCA NUMBERS-----

R 5

OSHA Y 02/14/86 000071-55-6

FREIGHT-CLASS

RMK REMARKS-TEXT

TRICHLOROETHANE

DOT-NAME

1,1,1-TRICHLOROETHANE

RCRA

EPA-RQ

01000

QUALIFIER GRAD FORM

--PACKAGE--

UM NET-WT

GRS-WT

MSD-SKU-DT SPG/DEN

CHLORO SM MCKS LIQ

054 GL *NOM* ~~DRM~~

EA 00592.00 00630.00

Y 02/14/86 001.3200

CNTR RTN TRK

WT/GAL

RMK REMARKS-TEXT

TRM

3 P 00010.97

001

DOT-E ALLOC

RST

TP-MX TP-MN

SF-LF DIR-QTY

SPL-CHRG

UN/NA#

---COMFATB---

00000

NNNNN

N

+000 +000

024

40000

U2831

B

MTH P/C BU PU BRK MIN-BU 00001 00003 00010 00040 00000 00000 00000 00000

PBK C EA LB D59 MARGIN 80 40 30 20 00 00 00 00

STATUS: A 01/18/83 INPUT: 01/18/83 L-ACV: 03/24/86

SKU  
ADD

01260069

McKESSON CHEMICAL COMPANY  
APPROVAL TO REPACKAGE

Branch San Francisco Request Date 9/9/80 Region Approved 9/23/80  
Item Cyclohexanone  
Supplier(s) Union Carbide Request to Repack Shows  
Present Sales 480 Dms. /Yr  
Addn. Sales                      /Yr  
Packed From Comp. Tanker  
DOT Class Non-regulated Commodity Label C48PS5  
Container Type DOT 17E, 55 Gal Net Weight 425 lbs.  
New or Record

☒ Non-Returnable ☐ Returnable  
Flash Point 122 °F TLV 50 Other Hazard                       
Product waste to be regarded as hazardous: YES ☒ NO ☐

SPECIAL NOTES AND/OR PRECAUTIONS

- Reconditioned drums are authorized provided that they are Class A, free of dents, etc. Each drum must be carefully inspected internally for contamination. Drums will have been reconditioned by a reliable drum house prior to filling.
- Exhaust equipment must be operating during filling. Product is a suspected carcinogen.
- Be cautious of contamination when switching compartments. Carefully flush the system and observe a sample to be sure.
- In addition to labeling, stencil each drum "Cyclohexanone".

HOME OFFICE APPROVAL C.R. Piercy Date 10/16/80  
C.R. Piercy

The Regional Office will insert below and on the reverse side special instructions, procedures, tips on safety and handling as an aid to the Branch in utilizing the facilities and equipment available to them in the most efficient manner.

Completed By                      Title                      Date



# REVIEW OF BRANCH REQUEST TO REPACKAGE

Branch San Francisco Request Date 9/9/80 Region 9/23/80  
 Approved

Item Cyclohexanone Request to Repack Shows  
 Supplier(s) Union Carbide Present Sales 480 Dm /Yr  
 Addn. Sales                      /Yr  
 Packed From Comp. Tanker Repack Cost \$ 58.12  
 Proj. Savings \$ 2.88/c \$ 5800/Yr  
 DOT Regulated                      Commodity Label C 48 PS 5  
 Container Type DOT 17E-55 Gal Net Contents 425 Lbs  
New or Recand.  
☒ Non-Returnable ☐ Returnable at \$                      Deposit  
 Flash Point 122 °F TLV 50

Product waste to be regarded as hazardous: YES ☒ NO ☐

	YES	NO	Initial and Date
1. C.R. Piercy	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<u>CP 10/9/80</u>
2. G.N. Butter	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<u>GNB 10/4/80</u>
3. D.A. Davis	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<u>DD 10/9/80</u>
4. G.R. Fischer	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<u>GRF 10-10-80</u>
5. C.R. Piercy	<input type="checkbox"/>	<input type="checkbox"/>	<u>                    </u>

COMMENTS: 1.) No ops problems anticipated. G: IS  
a 5x5 label adequate for this 'suspect' product? - We  
do need a larger label - I will start the Ballpolling on this  
2 Can only be packaged if and when module and its fan  
are operating.

Repack Code: (2)  
(17) add: Product is a suspected carcinogen  
(12)  
(17) as above

OCT 7 - 1980

**To:**

C. R. Piercy, Home Office

## Date:

September 29, 1980

**FOREMOST,  
McKESSON**

Copies To:

**From:**

Location:

### Western Region - Chemical

Individual:

Bill Westrope

Subject:

## Requests to Repackage

Enclosed are requests to repackage Cyclohexanone and Cellosolve Solvent (EE) at the San Francisco Bay Branch.

If you have any questions, please advise.

Bill W.  
Bill Westrope

SW

Encl.

## REQUEST TO REPACKAGE

(Revised - Jan. 1971)

McKESSON CO.

SEP 22 1980

Western Region

Branch S. F. Bay

Date 9-9-80

McKesson Chemical Co.  
SEP 18 1980  
Western RegionName and Grade of Item to be Repacked Cyclohexanone

Instructions - A separate form must be completed for each package size.  
Insert information where requested and delete units which  
do not apply. Where comments are requested, be as  
complete as possible yet concise.

A. CURRENT INFORMATION

1. Name of Supplier Union Carbide
2. How is material now being obtained? \_\_\_\_\_
3. Size and type of container 55 gal. DOT 17-E Reconditioned
4. Net Weight 425 lbs.
5. Amount of Supplier's Container Deposit \$ none
6. Present cost into stock including freight but less any allowances
  - a) Unit Cost \$ .61# (cwt) (gal.)
  - b) Package Cost \$ 259.25 (each)
7. Number of Current Branch customers 1
8. Average monthly Sales to these Customers 40 Drums (drums) (cys) (mo.)

B. PACKAGING PROPOSAL

1. Name of Supplier(s) Union Carbide
2. Is material to be Packed from Supplier's Drums? ☐ Yes ☒ No  
If yes, Supplier's container Deposit is \$ \_\_\_\_\_  
If no, complete items 3 and 4 below
3. 2500 gallons of Bulk material will be received in (multi)  
compartment (tank car) (tank truck). If more than one compartment  
identify other items in the load unknown

McK00682

# REQUEST TO REPACKAGE (CONT.)

(Revised - Jan. 1971)

Page 2.

4. Bulk Material will be loaded: ☐ Into a storage tank  
☒ Directly into Containers ☐ Other (explain) \_\_\_\_\_
5. Each container is to be filled to 425# (lbs.) (gal) net and is,  
☒ Non-Returnable (N/R) which meets DOT\* Specification \_\_\_\_\_  
costing \$ \_\_\_\_\_ each. A lining is required ☐ Yes ☒ No  
☐ Returnable and the Deposit to Customers is to be \$ \_\_\_\_\_  
Type of Style Container \_\_\_\_\_  
Sufficient containers are presently on hand ☒ Yes ☐ No  
must purchase \_\_\_\_\_ at \$ \_\_\_\_\_ each
6. McKesson label, Code Number C48PS5 (5x5 PS) will be used. If a McKesson Label is not available, attach a copy of the Supplier's label.
7. Estimate Repack Cost - Use latest Branch Repack Quarterly Analysis of cost to estimate direct labor and overhead. Consult Regional Accounting Office if information is not available. Information is taken from report for period ending \_\_\_\_\_

	Per Drum Per Package	Per # Unit Cost
a) Bulk Material	225.97	.5317
b) N/R Container	14.96	.0352
c) Direct Labor	.57	.0013
d) Overhead	5.53	.013
e) Total cost to repack	247.03	.5812
f) Present cost (A-6)	259.25	.61
g) Additional Profits	12.22	.0288

Amount of profit improvement through repacking (existing business)

40 x 12.22 x 12 \$5,865.60 per year  
Avg. Sales/mo (A-8) Add'l Profit/Pkg

McK00683

(Revised - Jan. 1971)

8. Does the Branch have up-to-date Supplier's literature concerning potential hazards and their recommendations for handling and storing this material? ☒ Yes ☐ No. If not has this literature been requested? ☐ Yes ☐ No.
9. As classified by DOT, is this material "regulated"? ☐ Yes ☒ No  
If yes, the required Caution label is ☐ White ☐ Yellow  
☐ Red ☐ Other, explain \_\_\_\_\_
10. To handle this item, Branch Repackaging facilities:  
☒ Are adequately equipped requiring only a nominal amount of expense  
Estimated at \$ None for miscellaneous hose, fittings, etc.  
☐ Will require additional equipment or modification of a Capital nature  
estimated at \$ \_\_\_\_\_ This is provided in the Budget  
☐ Yes ☐ No. Furnish complete details.

C. PERSONNEL REQUIREMENTS - Advise if additional employees will be needed and the resulting additional labor expense.

*NO extra*

D. ADVANTAGE AND OTHER COMMENTS

1. As a result of repacking, additional business can be expected in the near term as follows:
- a) Number of new accounts \_\_\_\_\_
  - b) Additional packages to be sold \_\_\_\_\_ per year
  - c) Additional annual sales \$ \_\_\_\_\_
  - d) Additional gross profit \$ \_\_\_\_\_
2. Besides an apparent savings, just why is this repackaging being requested? If a competitive situation is involved, briefly discuss who, where and the exact nature of the competition.

*DAKrome* 9/16/80 *Jim Cume* 9-19-80

(Branch Manager) (Date)

(District Manager) (Date)

*Q. Miller*

(Regional Manager) (Date)

*Beep Winters* 9/23

McKESSON CHEMICAL COMPANY  
APPROVAL TO REPACKAGE

Branch/PRF Union City / SF Region Approved 11/3/82  
Item Dowanol DM  
Supplier(s) Dow TOSCA No. (s) \_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_  
Packed From Tank Truck UN No. \_\_\_\_\_  
DOT Class Non-regulated Commodity Label Supplier  
Container Type DOT 17E - 55 Gal. Net Weight(s) 470 lbs.  
New or Recond.

☒ Non-Returnable ☐ Returnable

Sp. Gr. 1.021 Flash Point 192 °F TLV N/A Other Hazard \_\_\_\_\_

Product waste to be regarded as hazardous: Yes ☐ No ☒

SPECIAL NOTES AND/OR PRECAUTIONS

- The supplier's label will be used. Be certain to stamp the lot number on the label. If there is provision, stamp the branch name to indicate that we repacked. If not, use a "Distributed By" label.
- In addition to labeling, stencil each drum "Dowanol DM".
- See Repack Instruction Sheet, attached.

HOME OFFICE APPROVAL

C.R. Piercy

Date: 12/1/82

McK00685

# REVIEW OF BRANCH REQUEST TO REPACKAGE

Branch/PRF Union City Region Approved 11/3/82

Item Dowanol DM Request to Repack Shows:

Supplier(s) Dow Present Sales 120 Dms. /Yr.

Addn. Sales                      /Yr.

Packed From Tank Truck Savings/Profit \$844 /Yr.

DOT Class Non-regulated UN No.                      TOSCA No.                     

Container Type DOT 17E - 55 Gal.

New or Recond. Commodity Label Supplier ✓  
(Steel) Net Weight(s) 470 lbs.

☒ Non-Returnable ☐ Returnable @ \$                      Deposit

Sp. Gr. 1.021 Flash Point 192 °F TLV -- Other                     

Product waste to be regarded as hazardous: Yes ☐ No ☒

## ROUTING:

	<u>YES</u>	<u>NO</u>
1. C.R. Piercy <i>out</i>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
2. D.L. Eisner →	<input checked="" type="checkbox"/>	<input type="checkbox"/>
3. M.A. Minor	<input checked="" type="checkbox"/>	<input type="checkbox"/>
4. D.A. Davis	<input checked="" type="checkbox"/>	<input type="checkbox"/>
5. C.R. Piercy	<input type="checkbox"/>	<input type="checkbox"/>

## Initial and Date

*CP* 11/15/82

*DE* 11/8/82

*minor* 11/8/82

*DA* 11/22/82

## COMMENTS:

*Code:* (11)

(14) as above

(17)

REQUEST TO REPACKAGE  
(Revised - Jan. 1971)

McKesson Co  
NOV 1 1982  
Western Region

Branch SF BAY (UNION CITY)  
Date 10-25-82

Name and Grade of Item to be Repacked DOWANOL DM

Instructions - A separate form must be completed for each package size.  
Insert information where requested and delete units which  
do not apply. Where comments are requested, be as  
complete as possible yet concise.

A. CURRENT INFORMATION

1. Name of Supplier DOW CHEMICAL
2. How is material now being obtained? FROM SANTA FE - MEK REPACK
3. Size and type of container 55 GAL 17-E 20/18  
RECOND DRUM
4. Net Weight 470 lbs.
5. Amount of Supplier's Container Deposit \$ 0
6. Present cost into stock including freight but less any allowances
  - a) Unit Cost \$ 53.54 (cwt) (gal.)
  - b) Package Cost \$ 251.64 (each) + 4.70 FRT. = 256.34
7. Number of Current Branch customers 7
8. Average monthly Sales to these Customers 10 or 20? (drums) (cys)/mo.

B. PACKAGING PROPOSAL

1. Name of Supplier(s) DOW CHEMICAL
2. Is material to be Packed from Supplier's Drums? ☐ Yes ☒ No  
If yes, Supplier's container Deposit is \$         
If no, complete items 3 and 4 below
3. 1000 gallons of Bulk material will be received in (multi)  
compartment (tank car) (tank truck). If more than one compartment  
identify other items in the load



REQUEST TO REPACKAGE (CONT.)  
(Revised - Jan. 1971)

4. Bulk Material will be loaded: ☐ Into a storage tank  
☒ Directly into Containers ☐ Other (explain) \_\_\_\_\_
5. Each container is to be filled to 470 (lbs.) (gal) net and is,  
☒ Non-Returnable (N/R) which meets DOT\* Specification \_\_\_\_\_  
costing \$ \_\_\_\_\_ each. A lining is required ☐ Yes ☒ No  
☐ Returnable and the Deposit to Customers is to be \$ \_\_\_\_\_  
Type of Style Container 20/18 - 17-E RECOND STEEL  
Sufficient containers are presently on hand ☒ Yes ☐ No  
must purchase \_\_\_\_\_ at \$ \_\_\_\_\_ each
6. McKesson label, Code Number SUPPLIER SUPPLIED will be used. If a McKesson Label is not available, attach a copy of the Supplier's label.
7. Estimate Repack Cost - Use latest Branch Repack Quarterly Analysis of cost to estimate direct labor and overhead. Consult Regional Accounting Office if information is not available. Information is taken from report for period ending CURRENT

	Per Package	Unit Cost
a) Bulk Material	231.90	49.34
b) N/R Container	16.00	16.00
c) Direct Labor	1.27	22.77 hr
d) Overhead	.13	1.30 CWT.
e) Total cost to repack	249.30	
f) Present cost (A-5)	256.34	
g) Additional Profits	7.04	

Amount of profit improvement through repacking (existing business)

20 x 7.04 x 12 = 1689.60 per year  
 Avg. Sales/mo (A-8) Add'l Profit/Pkg 844.80

(Revised - Jan. 1971)

8. Does the Branch have up-to-date Supplier's literature concerning potential hazards and their recommendations for handling and storing this material? ☒ Yes ☐ No. If not has this literature been requested? ☐ Yes ☐ No.
9. As classified by DOT, is this material "regulated"? ☐ Yes ☒ No  
If yes, the required Caution label is ☐ White ☐ Yellow  
☐ Red ☐ Other, explain \_\_\_\_\_
10. To handle this item, Branch Repackaging facilities:  
☒ Are adequately equipped requiring only a nominal amount of expense  
Estimated at \$ 0 for miscellaneous hose, fittings, etc.  
☐ Will require additional equipment or modification of a Capital nature  
estimated at \$ \_\_\_\_\_ This is provided in the Budget  
☐ Yes ☐ No. Furnish complete details.

C. PERSONNEL REQUIREMENTS - Advise if additional employees will be needed and the resulting additional labor expense.

NONE

D. ADVANTAGE AND OTHER COMMENTS

1. As a result of repacking, additional business can be expected in the near term as follows:
- a) Number of new accounts 10
  - b) Additional packages to be sold \_\_\_\_\_ per year
  - c) Additional annual sales \$ \_\_\_\_\_
  - d) Additional gross profit \$ \_\_\_\_\_
2. Besides an apparent savings, just why is this repackaging being requested? If a competitive situation is involved, briefly discuss who, where and the exact nature of the competition.

*Butler*  
11/2

*DAK Rome* 10/29/82

(Branch Manager) (Date)

*Jackie* 11/3/82

(District Manager) (Date)

*Ed Rome* 11/3/82

(Regional Manager) (Date)

M A T E R I A L   S A F E T Y   D A T A   S H E E T   P A G E :   1  
DOW CHEMICAL U.S.A. MIDLAND MICHIGAN 48640 EMERGENCY PHONE: 517-636-4400

EFFECTIVE DATE: 02 JAN 79

PRODUCT CODE: 22332

PRODUCT NAME: DOWANOL (R) DM

MSD: 0044

INGREDIENTS (TYPICAL VALUES-NOT SPECIFICATIONS)

: % :

DIETHYLENE GLYCOL METHYL ETHER

: 95 :

SECTION 1

PHYSICAL DATA

BOILING POINT: 381F : SOL. IN WATER: COMPLETELY MISCIBLE.  
VAP PRESS: .25 MMHG @ 25C : SP. GRAVITY: 1.021 @ 25/25C  
VAP DENSITY (AIR=1): 4.16 : % VOLATILE BY VOL: 100  
APPEARANCE AND ODOR: COLORLESS, MILD-SMELLING LIQUID.

SECTION 2

FIRE AND EXPLOSION HAZARD DATA

FLASH POINT: 192F : FLAMMABLE LIMITS (STP IN AIR)  
METHOD USED: TAG CLOSED CUP. : LFL: NOT DETER. UFL: NOT DETER.  
EXTINGUISHING MEDIA: WATER FOG, ALCOHOL FOAM, CO2, DRY CHEMICAL.  
SPECIAL FIRE FIGHTING EQUIPMENT AND HAZARDS: ----

SECTION 3

REACTIVITY DATA

STABILITY: ----  
INCOMPATIBILITY: OXIDIZING MATERIAL.  
HAZARDOUS DECOMPOSITION PRODUCTS: ----  
HAZARDOUS POLYMERIZATION: WILL NOT OCCUR.

SECTION 4

SPILL, LEAK, AND DISPOSAL PROCEDURES

ACTION TO TAKE FOR SPILLS (USE APPROPRIATE SAFETY EQUIPMENT): ADD ABSORBENT-  
REMOVE WITH RUBBER SHOVEL.  
DISPOSAL METHOD: BURN IN ACCORDANCE WITH LOCAL LAWS.

SECTION 5

HEALTH HAZARD DATA

INGESTION: LOW SINGLE DOSE ORAL TOXICITY; LD50 FOR LAB ANIMALS RANGE  
FROM 4000 TO 9000 MG/KG OR MORE.  
EYE CONTACT: SOMEWHAT PAINFUL AND MAY CAUSE SLIGHT TRANSITORY IRRITATION.  
SKIN CONTACT: ESSENTIALLY NO IRRITATION.  
SKIN ABSORPTION: IS ABSORBED BUT IS VERY LOW IN TOXICITY: LD50

(CONTINUED ON PAGE 2 )

(R) INDICATES A REGISTERED OR TRADEMARK NAME OF THE DOW CHEMICAL COMPANY

M A T E R I A L   S A F E T Y   D A T A   S H E E T   P A G E :   2  
DOW CHEMICAL U.S.A. MIDLAND MICHIGAN 48640 EMERGENCY PHONE: 517-636-4400

EFFECTIVE DATE: 02 JAN 79  
PRODUCT (CONT'D): DOWANOL (R) DM

PRODUCT CODE: 22332  
MSD: 0044

SECTION 5

HEALTH HAZARD DATA (CONTINUED)

SKIN ABSORPTION: (CONTINUED)  
RABBITS ABOUT 20 ML/KG.

INHALATION: NO GUIDE FOR CONTROL KNOWN.

EFFECTS OF OVEREXPOSURE: FROM INGESTION - NARCOSIS OR KIDNEY INJURY.

SECTION 6

FIRST AID--NOTE TO PHYSICIAN

FIRST AID PROCEDURES:

EYES: IRRIGATION OF THE EYE IMMEDIATELY WITH WATER FOR FIVE MINUTES  
IS GOOD SAFETY PRACTICE.

SKIN: CONTACT WILL PROBABLY CAUSE NO MORE THAN IRRITATION. WASH OFF  
IN FLOWING WATER OR SHOWER. WASH CLOTHING BEFORE REUSE.

INHALATION: REMOVE TO FRESH AIR IF EFFECTS OCCUR. CONSULT MEDICAL  
PERSONNEL.

INGESTION: LOW IN TOXICITY. INDUCE VOMITING IF LARGE AMOUNTS ARE  
INGESTED.

NOTE TO PHYSICIAN:

EYES: MAY CAUSE MILD IRRITATION. STAIN FOR EVIDENCE OF CORNEAL  
INJURY.

SKIN: MAY CAUSE MILD IRRITATION. TREAT AS ANY CONTACT DERMATITIS.  
NOT LIKELY TO BE ABSORBED IN ACUTELY TOXIC AMOUNTS.

RESPIRATORY: NO TOX DATA. NO EFFECT EXPECTED.

ORAL: LOW IN TOXICITY.

SYSTEMIC: CONSULT STANDARD LITERATURE. HUMAN EFFECTS NOT ESTABLISHED.  
NO SPECIFIC ANTIDOTE. TREATMENT BASED ON THE SOUND JUDGMENT  
OF THE PHYSICIAN AND THE INDIVIDUAL REACTIONS OF THE PATIENT.

SECTION 7

SPECIAL HANDLING INFORMATION

VENTILATION: GOOD ROOM VENTILATION USUALLY ADEQUATE FOR MOST OPERATIONS.  
RESPIRATORY PROTECTION: NONE NORMALLY NEEDED. NIOSH APPROVED RESPIRATORY

PROTECTION REQUIRED IN ABSENCE OF PROPER ENVIRONMENTAL CONTROL.

FOR EMERGENCIES, A SELF-CONTAINED BREATHING APPARATUS OR A FULL-  
FACE RESPIRATOR AS APPROVED BY NIOSH IS RECOMMENDED.

PROTECTIVE CLOTHING: CLEAN, BODY-COVERING CLOTHING.

EYE PROTECTION: SAFETY GLASSES WITHOUT SIDE SHIELDS.

SECTION 8 SPECIAL PRECAUTIONS AND ADDITIONAL INFORMATION

PRECAUTIONS TO BE TAKEN IN HANDLING AND STORAGE: PRACTICE REASONABLE  
CARE AND CAUTION TO AVOID SKIN CONTACT AND INHALATION OF VAPORS OR

(CONTINUED ON PAGE 3 )

(R) INDICATES A REGISTERED OR TRADEMARK NAME OF THE DOW CHEMICAL COMPANY

M A T E R I A L S A F E T Y D A T A S H E E T PAGE: 3  
DOW CHEMICAL U.S.A. MIDLAND MICHIGAN 48640 EMERGENCY PHONE: 517-636-4400

EFFECTIVE DATE: 02 JAN 79  
PRODUCT (CONT'D): DOWANOL (R) DM

PRODUCT CODE: 22332  
MSD: 0044

SECTION 8 SPECIAL PRECAUTIONS AND ADDITIONAL INFORMATION (CONTINUED)

PRECAUTIONS TO BE TAKEN IN HANDLING AND STORAGE: (CONTINUED)  
MISTS IF GENERATED. AVOID EYE CONTACT.

ADDITIONAL INFORMATION: ----

LAST PAGE

(R) INDICATES A REGISTERED OR TRADEMARK NAME OF THE DOW CHEMICAL COMPANY

THE INFORMATION HEREIN IS GIVEN IN GOOD FAITH, BUT NO WARRANTY,  
EXPRESS OR IMPLIED, IS MADE.

LOT

# DOWANOL<sup>\*</sup> DM

DIETHYLENE GLYCOL METHYL ETHER

PACKAGED AND DISTRIBUTED BY

**CAUTION**

**COMBUSTIBLE**  
Keep Away from Heat and Open Flame  
Do Not Cut or Weld Container

**NET**

110-307-80

<sup>\*</sup>Trademark of THE DOW CHEMICAL COMPANY

10780

McKESSON CHEMICAL COMPANY  
APPROVAL TO REPACKAGE

Branch/PRF Union City 11F Region Approved 9/20/82

Item Dowanol PM

Supplier(s) Dow TOSCA No. (s) \_\_\_\_\_

Packed From Comp. Tank Truck UN No. \_\_\_\_\_

DOT Class Flammable Commodity Label Supplier

Container Type DOT 17E - 55 Gal. Net Weight(s) 420 lbs.

New or Recond.

☒ Non-Returnable ☐ Returnable

Sp. Gr. \_\_\_\_\_ Flash Point N/A °F TLV 100ppm Other Hazard \_\_\_\_\_

Product waste to be regarded as hazardous: Yes ☒ No ☐

SPECIAL NOTES AND/OR PRECAUTIONS

- No open flame or unprotected lights permitted in repack area.
- Be cautious of contamination when switching compartments. Carefully flush the system and observe a sample to be sure.
- The supplier's label will be used. Be certain to stamp the lot number on the label. If there is provision, stamp the branch name to indicate that we repacked. If not, use a "Distributed By" label.
- In addition to labeling, stencil each drum "Dowanol PM".
- See Repack Instruction Sheet, attached.

HOME OFFICE APPROVAL

C.R. Piercy  
C.R. Piercy

Date: 10/14/82

# REVIEW OF BRANCH REQUEST TO REPACKAGE

Branch Union City Region Approved 9/30/82

Item Dowanol PM Request to Repack Shows:

Supplier(s) Dow Present Sales 120 Dms. /Yr

Addn. Sales                      /Yr

Packed From Comp. Tank Truck Repack Cost \$40.42

DOT Class Flammable ✓ Savings/Profit \$2.78 / \$1,403 /Yr

Container Type DOT 17E - 55 Gal. Commodity Label Supplier ✓

New or Recond. Net Contents 420 lbs.

☒ Non-Returnable ☐ Returnable @ \$                      Deposit

Flash Point 115 °F TLV 100 ppm OTHER                     

Product waste to be regarded as hazardous: YES ☒ NO ☐

Li: 11.5 load up 2' add.

	<u>YES</u>	<u>NO</u>	<u>Initial and Date</u>
<u>ROUTING:</u>			
1. C.R. Piercy	✓	_____	<u>Cp 10/4/82</u>
2. D.L. Eisner	✓	_____	<u>DE 10/5/82</u>
3. M.A. Minor	✓	_____	<u>m.m 9/10/82</u>
4. D.A. Davis	✓	_____	<u>DD 10/13</u>
5. C.R. Piercy			

COMMENTS: 1.) No operational problems anticipated.

2) RIS attached

Code (5)

(10)

(10)

(14) as above

(17)



Operations

REQUEST TO REPACKAGE  
(Revised - Jan. 1971)

Branch SFBAY BRANCH

Date 9-16-82

Name and Grade of Item to be Repacked DOWANOL PM

Instructions - A separate form must be completed for each package size.  
Insert information where requested and delete units which  
do not apply. Where comments are requested, be as  
complete as possible yet concise.

A. CURRENT INFORMATION

1. Name of Supplier Dow
2. How is material now being obtained? Direct from supplier or bulk plant
3. Size and type of container 55 gal (420#) 17E
4. Net Weight 420 lbs.
5. Amount of Supplier's Container Deposit \$
6. Present cost into stock including freight but less any allowances
  - a) Unit Cost \$ 43.20 (cwt) (gal.)
  - b) Package Cost \$ 181.44 (each)
7. Number of Current Branch customers 2
8. Average monthly Sales to these Customers 10 (drums) (cbys)/mo.

B. PACKAGING PROPOSAL

1. Name of Supplier(s) DOW CHEMICAL
2. Is material to be Packed from Supplier's Drums? ☐ Yes ☒ No  
If yes, Supplier's container Deposit is \$             
If no, complete items 3 and 4 below
3. 1000 gallons of Bulk material will be received in (multiple compartment (tank car) (tank truck). If more than one compartment identify other items in the load

McKesson Chemical Co.  
SEP 29 1982  
Western R. Co.

REQUEST TO REPACKAGE (CONT.)

(Revised - Jan. 1971)

6564495 Page 2.

4. Bulk Material will be loaded: ☐ Into a storage tank  
☒ Directly into Containers ☐ Other (explain) \_\_\_\_\_
5. Each container is to be filled to 420 (lbs.) (gal) net and is,  
☒ Non-Returnable (N/R) which meets DOT\* Specification \_\_\_\_\_  
 costing \$ 16.00 each. A lining is required ☐ Yes ☒ No  
☐ Returnable and the Deposit to Customers is to be \$ NONE  
 Type of Style Container 20/18 GA 55 GAL 17-E RECONO  
 Sufficient containers are presently on hand ☒ Yes ☐ No  
 must purchase \_\_\_\_\_ at \$ \_\_\_\_\_ each
6. McKesson label, Code Number SUPPLIER will be used. If a McKesson Label is not available, attach a copy of the Supplier's label.  
COPY ATTACHED
7. Estimate Repack Cost - Use latest Branch Repack Quarterly Analysis of cost to estimate direct labor and overhead. Consult Regional Accounting Office if information is not available. Information is taken from report for period ending 169.76

	Per Package	Unit Cost
a) Bulk Material	<u>153.00</u>	<u>.36#</u>
b) N/R Container	<u>16.00</u>	<u>16.00</u>
c) Direct Labor	<u>.63</u>	<u>11.31</u>
d) Overhead	<u>.13</u>	<u>1.30 cwt</u>
e) Total cost to repack	<u>169.76</u>	<u>40.42 cwt</u>
f) Present cost (A-6)	<u>181.44</u>	<u>43.20 cwt</u>
g) Additional Profits	<u>11.69</u>	<u>2.78 cwt</u>

Amount of profit improvement through repacking (existing business)

10

11.69 x 12 1403 per year

Avg. Sales/mo (A-8)

Add'l Profit/Pkg

McK00697

(Revised - Jan. 1971)

8. Does the Branch have up-to-date Supplier's literature concerning potential hazards and their recommendations for handling and storing this material? ☒ Yes ☐ No. If not has this literature been requested? ☒ Yes ☐ No.
9. As classified by DOT, is this material "regulated"? ☒ Yes ☐ No  
If yes, the required Caution label is ☐ White ☐ Yellow  
☒ Red ☐ Other, explain \_\_\_\_\_
10. To handle this item, Branch Repackaging facilities:
- ☒ Are adequately equipped requiring only a nominal amount of expense  
Estimated at \$ 0 for miscellaneous hose, fittings, e
- ☐ Will require additional equipment or modification of a Capital nature  
estimated at \$ 0 This is provided in the Budget  
☐ Yes ☐ No. Furnish complete details.

- C. PERSONNEL REQUIREMENTS - Advise if additional employees will be needed and the resulting additional labor expense.

NONE

D. ADVANTAGE AND OTHER COMMENTS

1. As a result of repacking, additional business can be expected in the near term as follows:
- a) Number of new accounts 4
  - b) Additional packages to be sold 120 per year
  - c) Additional annual sales \$ 24,000
  - d) Additional gross profit \$ 3,000
2. Besides an apparent savings, just why is this repackaging being requested? If a competitive situation is involved, briefly discuss who, where and the exact nature of the competition. EASE of purchase C material  
IS RE

David A Krone 9/20 John R. Beederton 9/30 John Burne 9/30/82  
(Branch Manager) (Date) (District Manager) (Date) (Regional Manager) (Date)

LOT

# DOWANOL\* PM

PROPYLENE GLYCOL  
METHYL ETHER

FLAMMABLE  
LIQUID  
N.O.S.  
(Contains  
PROPYLENE  
GLYCOL ETHYL  
ETHER)

## WARNING

**FLAMMABLE**  
Keep Away from Heat, Sparks,  
and Open Flame  
Do Not Cut or Weld Container  
Keep Container Closed  
Use With Adequate Ventilation

PACKAGED AND DISTRIBUTED BY

FLAMMABLE LIQUID

3

\*Trademark of THE DOW CHEMICAL COMPANY

NET

110-298-75  
D1277

McKESSON CHEMICAL COMPANY  
APPROVAL TO REPACKAGE

Branch San Francisco Request Date 9/9/80 Region Approved 9/23/80  
Item Dowanol EE  
Supplier(s) DOW Request to Repack Shows  
Present Sales 480 Dms /Yr  
Addn. Sales - /Yr  
Packed From Comp. Tanker  
DOT Class Non-regulated Commodity Label C32PS5  
Container Type DOT 17E, 55 Gal. Net Weight 428 lbs.  
New or Record

☒ Non-Returnable ☐ Returnable  
Flash Point 108 °F TLV 100 Other Hazard Skin  
Product waste to be regarded as hazardous: YES ☐ NO ☒

SPECIAL NOTES AND/OR PRECAUTIONS

- Exhaust equipment must be operating during filling.
- Static grounding equipment must be used. Inspect before each use.
- Be cautious of contamination when switching compartments. Carefully flush the system and observe a sample to be sure.
- In addition to labeling, stencil each drum "Dowanol EE".

HOME OFFICE APPROVAL C.R.P. Date 10/16/80  
C.R. Piercy

The Regional Office will insert below and on the reverse side special instructions, procedures, tips on safety and handling as an aid to the Branch in utilizing the facilities and equipment available to them in the most efficient manner.

Completed By \_\_\_\_\_ Title \_\_\_\_\_ Date \_\_\_\_\_

McK00700

REVIEW OF BRANCH REQUEST TO REPACKAGE

Branch San Francisco Request 9/9/80 Region 9/25/80  
 Date (Down and EE) Approved

Item Cellosolve Solvent Request to Repack Shows

Supplier(s) Union Carbide Present Sales 480 Dms /Yr  
DoCo (DoCo) Addn. Sales /Yr  
 Packed From Comp. Tanker Repack Cost \$ 45.75  
 DOT Regulated No Proj. Savings \$ .2125/c \$4600/Yr  
 Container Type DOT 17E-55 Gal Commodity Label C 32 PS 5  
New or Record Net Contents 428 Lbs.  
☒ Non-Returnable ☐ Returnable at \$          Deposit  
 Flash Point 108 °F TLV 100 (skin)

Product waste to be regarded as hazardous: YES ☐ NO ☐

	YES	NO	Initial and Date
1. C.R. Piercy	<input checked="" type="checkbox"/>	<input type="checkbox"/>	Op 10/9/80
2. G.N. Butter	<input checked="" type="checkbox"/>	<input type="checkbox"/>	GB 10/9/80
3. D.A. Davis	<input checked="" type="checkbox"/>	<input type="checkbox"/>	GB 10/9/80
4. G.R. Fischer	<input checked="" type="checkbox"/>	<input type="checkbox"/>	GR 10-10-80
5. C.R. Piercy	<input type="checkbox"/>	<input type="checkbox"/>	

COMMENTS: 1) No ops problems anticipated.

Repack Code:

(7)

(9)

(12)

(17) as above

McKESSON CHEMICAL COMPANY  
APPROVAL TO REPACKAGE

SEP 9 1974

Branch San Francisco

Request  
Date 8-7-74

Region  
Approved 8-19-74

Item Dowanol EE

Request to Repack Shows

Supplier(s) Dow

Present Sales 36 Dms /Yr  
Addn. Sales 120 Dms /Yr

Packed From Compartmented Tank Truck

DOT Regulated No. Commodity Label D27PS1C

Container Type New DOT 17E-55 Gal Net Contents 435 lbs

☒ Non-Returnable ☐ Returnable at \$ - Deposit

Flash Point 120 °F Minimum Storage Temperature 20 °F

SPECIAL NOTES AND/OR PRECAUTIONS

- No open flame or unprotected lights permitted in repack area.
- Static grounding equipment must be used. Inspect before each use.
- Be cautious of contamination when switching compartments. Carefully flush the system and observe a sample to be sure.
- In addition to labeling, stencil each drum "Dowanol EE."

HOME OFFICE APPROVAL C. R. Riney Date 8-28-74

The Regional Office will insert below and on the reverse side special instructions, procedures, tips on safety and handling as an aid to the branch in utilizing the facilities and equipment available to them in the most efficient manner. When completed, sign and date the form and send copies to the branch, along with copies for Home Office, region and district files.

Use established procedures for Direct Filling of combustible items.

Completed By Lisa Westgren Title Branch Asst Mgr Date 9/5/74

McK00702

# HOME OFFICE REVIEW OF BRANCH REQUEST TO REPACKAGE

Branch San Francisco Request Date 8-7-74 Region Approved 8-19-74

Item Dowanol EE Request to Repack Shows  
 Supplier(s) Dow Present Sales 36 Dms/Yr  
 Addn. Sales 120 Dms./Yr  
 Repack Cost \$ 27.93 Cwt.

Packed From Compartmented Tank Truck.

DOT Regulated No. Commodity Label D 27P51C

Container Type New DOT 17E-55 Gal Net Contents 435 Lbs

☒ Non-Returnable ☐ Returnable at \$ — Deposit

Flash Point 120 °F Minimum Storage Temperature -20 °F

	Yes	No	Initial and Date
1. C. R. Piercy	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<u>8/22/74</u>
1. A. S. Barada	<input type="checkbox"/>	<input type="checkbox"/>	
2. J. P. Hobe	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<u>8/23</u>
3. V. T. Staraci	<input type="checkbox"/>	<input type="checkbox"/>	
4. C. A. Gafney	<input type="checkbox"/>	<input type="checkbox"/>	
3. B. L. Wilcox	<input type="checkbox"/>	<input type="checkbox"/>	
4 Piercy	<input type="checkbox"/>	<input type="checkbox"/>	

(1) Branch currently packing Carbide equivalent, Cellosolve Solvent.  
 Approval will allow extra material over allocation.

Repack Code  
 7.  
 8.  
 11.  
 15 Dowanol EE



REQUEST TO REPACKAGE  
(Revised -- Jan. 1971)

Branch San Francisco Bay

Date August 7, 1974

Name and Grade of Item to be Repacked DOWANOL EE

Instructions - A separate form must be completed for each package size. Insert information where requested and delete units which which do not apply. Where comments are requested, be as complete as possible yet concise.

A. CURRENT INFORMATION

1. Name of Supplier Union Carbide - Cellosolve Solvent
2. How is material now being obtained? T/L Drum
3. Size and type of container 55 gallon steel drum
4. Net Weight 435 lbs.
5. Amount of Supplier's Container Deposit \$ None
6. Present cost into stock including freight but less any allowances
  - a) Unit Cost \$ 27.00 (cwt) (~~gals~~)
  - b) Package Cost \$ 117.45 each
7. Number of Current Branch Customers 2
8. Average monthly Sales to these Customers 3 (drums) (~~gals~~)/mo.

B. PACKAGING PROPOSAL

1. Name of Supplier (s) Dow Chemical
2. Is material to be Packed from Supplier's Drums? ☐ Yes ☒ No  
If yes, Supplier's container Deposit is \$ \_\_\_\_\_  
If no, complete items 3 and 4 below
3. 3000 gallons of Bulk material will be received in (multi) (~~single~~) compartment (~~tank truck~~) (tank truck). If more than one compartment identify other items in the load Dowanol EM

4. Bulk Material will be loaded: ☐ Into a storage tank  
☒ Directly into Containers ☐ Other (explain) \_\_\_\_\_
5. Each container is to be filled to 435 (lbs) (gal) net and is,  
☒ Non-Returnable (N/R) which meets DOT\* Specification 17E  
costing \$ 11.50 each. A lining is required ☐ Yes ☒ No  
☒ Returnable and the Deposit to Customers is to be \$ None  
Type of Style Container \_\_\_\_\_  
Sufficient containers are presently on hand ☐ Yes ☒ No  
must purchase \_\_\_\_\_ at \$ \_\_\_\_\_ each
6. McKesson label, Code Number D27PSIC will be used. If a McKesson label is not available, attach a copy of the Supplier's label.
7. Estimate Repack Cost - Use latest Branch Repack Quarterly Analysis of cost to estimate direct labor and overhead. Consult Regional Accounting Office if information is not available. Information is taken from report for period ending \_\_\_\_\_

	Per Package	Unit Cost
a) Bulk Material	105.70	24.30C
b) N/R Container	11.50	2.65C
c) Direct labor	.30	.06 C
d) Overhead	4.00	.92C
e) Total cost to repack	121.50	27.93C
f) Present cost (A-6)	117.45	27.00C
g) Additional Profits	(4.05)	(.93C)

Amount of profit improvement through repacking (existing business)  
(Only way material is available is bulk)

$$\frac{3}{\text{Avg Sales/mo (A-8)}} \times \frac{(4.05)}{\text{Add'l Profit/Pkg}} \times 12 = \$ (145.80) \text{ per year}$$

\* Department of Transportation

8. Does the Branch have up-to-date Supplier's literature concerning potential hazards and their recommendations for handling and storing this material? ☒ Yes ☐ No. If not has this literature been requested? ☐ Yes ☐ No.
9. As classified by DOT, is this material "regulated"? ☐ Yes ☒ No  
If yes, the required Caution label is ☐ White ☐ Yellow  
☐ Red ☐ Other, explain \_\_\_\_\_
10. To handle this item, Branch Repackaging facilities:  
☒ Are adequately equipped requiring only a nominal amount of expense estimated at \$ None for miscellaneous hose, fittings, etc.  
☐ Will require additional equipment or modification of a Capital nature estimated at \$ \_\_\_\_\_. This is provided in the Budget ☐ Yes ☒ No.  
Furnish complete details.

C. PERSONNEL REQUIREMENTS - Advise if additional employees will be needed and the resulting additional labor expense.

NONE

D. ADVANTAGES AND OTHER COMMENTS

1. As a result of repacking, additional business can be expected in the near term as follows:

- a) Number of new accounts 5  
b) Additional packages to be sold 120 per year (contingent on availability of material.)  
c) Additional annual sales \$ 16,800.00  
d) Additional gross profit \$ 2,220.00

2. Besides an apparent savings, just why is this repackaging being requested? If a competitive situation is involved, briefly discuss who, where and the exact nature of the competition.

Only way to obtain extra material which is on allocation.

*Demanol costs, and sells for \$.03# more than Carbide's material. This is why comparison shows a slight loss.*

*W.D. Schuy* 8/13/74  
(Branch Manager) (Date)

*James R. Smith* 8-14-74  
(District Manager) (Date)

*John M. Smith* 8/14/74  
(Regional Manager) (Date)  
BW 8/14/74

McKESSON CHEMICAL COMPANY  
APPROVAL TO REPACKAGE

Branch Union City Region 2/2/82  
Item Ethyl Acetate 99%  
Supplier(s) Union Carbide Request to Repack Shows  
Present Sales 180 Dms. /Yr  
Addn. Sales 180 Dms. /Yr  
Packed From Comp. Tank Truck  
DOT Class Flammable Commodity Label E23PS1C  
Container Type DOT 17E - 55 Gal. Net Weight 409 lbs.

☒ Non-Returnable ☐ Returnable  
Flash Point 31 (o.c.) °F TLV 400ppm Other Hazard \_\_\_\_\_  
Product waste to be regarded as hazardous: YES ☒ NO ☐

SPECIAL NOTES AND/OR PRECAUTIONS

- No open flame or unprotected lights permitted in repack area.
- Static grounding equipment must be used. Inspect before each use.
- Be cautious of contamination when switching compartments. Carefully flush the system and observe a sample to be sure.
- In addition to labeling, stencil each drum "Ethyl Acetate 99%".

HOME OFFICE APPROVAL C.R. Piercy Date 2/26/82  
C.R. Piercy

The Regional Office will insert below and on the reverse side special instructions, procedures, tips on safety and handling as an aid to the Branch in utilizing the facilities and equipment available to them in the most efficient manner.

Completed By \_\_\_\_\_ Title \_\_\_\_\_ Date \_\_\_\_\_

# REVIEW OF BRANCH REQUEST TO REPACKAGE

Branch SF/Union City Region Approved 2/2/82

Item Ethyl Acetate 99% Request to Repack Shows:

Supplier(s) Union Carbide Present Sales 180 Dms. /Yr

Addn. Sales 180 Dms. /Yr

Packed From Comp. Tank Truck Repack Cost \$44.38

DOT Class Flammable ✓ Savings/Profit \$13.03/ <sup>Yr</sup> \$2,345 /Yr

Container Type DOT 17E-55 Gal. -18/1850 Commodity Label E23PS1C ✓

Net Contents 409 lbs.

☒ Non-Returnable ☐ Returnable @ \$ \_\_\_\_\_ Deposit

Flash Point 31 <sup>Q.C.</sup> <sub>F</sub> ✓ TIV 400ppm OTHER \_\_\_\_\_

Product waste to be regarded as hazardous: YES ☒ NO ☐

	YES	NO	Initial and Date
ROUTING:			
1. C.R. Piercy	✓		<u>Cp</u> <u>2/8/82</u>
2. D.L. Eisner	✓		<u>DE</u> <u>2/8/82</u>
3. D.A. Davis	✓		<u>AD</u> <u>2/11/82</u>
4. R.F. Tomeo	✓		<u>RT</u> <u>2/8/82</u>
5. <u>B.L. Wilcox, Jr.</u>			
6. C.R. Piercy			

COMMENTS: (1) No problems anticipated.

Code: (8)

(9)

(2)

(17) as above

## REQUEST TO REPACKAGE

(Revised - Jan. 1971)

JAN 27 1982

Branch SF DAY <sup>Western Region</sup> (UNION CITY)Date 1-19-82Name and Grade of Item to be Repacked ETHYL ACETATE 99%

Instructions - A separate form must be completed for each package size.  
Insert information where requested and delete units which  
do not apply. Where comments are requested, be as  
complete as possible yet concise.

A. CURRENT INFORMATION

1. Name of Supplier UNION CARBIDE
2. How is material now being obtained? 55 GAL DRUMS
3. Size and type of container 55 GAL 17-12-20/18 GA  
STEEL DRUMS
4. Net Weight ~~330~~ 409 lbs.
5. Amount of Supplier's Container Deposit \$ 0
6. Present cost into stock including freight but less any allowances
  - a) Unit Cost \$ .505<sup>#</sup> - 52 (cwt) (gal.)
  - b) Package Cost \$ 196.22 (each)
7. Number of Current Branch customers 1
8. Average monthly Sales to these Customers 15 (drums) (cbys) (mo).

B. PACKAGING PROPOSAL

1. Name of Supplier(s) UNION CARBIDE
2. Is material to be Packed from Supplier's Drums? ☐ Yes ☒ No  
If yes, Supplier's container Deposit is \$ \_\_\_\_\_  
If no, complete items 3 and 4 below
3. 1000 gallons of Bulk material will be received in (multi)  
compartment (tank car) (tank truck). If more than one compartment  
identify other items in the load \_\_\_\_\_

(Revised - Jan. 1971)

4. Bulk Material will be loaded: ☐ Into a storage tank  
☒ Directly into Containers ☐ Other (explain) \_\_\_\_\_
5. Each container is to be filled to 409 (lbs.) (gal) net and is,  
☐ Non-Returnable (N/R) which meets DOT\* Specification \_\_\_\_\_  
 costing \$ 16.50 each. A lining is required ☐ Yes ☒ No  
☐ Returnable and the Deposit to Customers is to be \$ 0  
 Type of Style Container 55 GAL 17-E STEEL 20/18 GA.  
 Sufficient containers are presently on hand ☒ Yes ☐ No  
 must purchase \_\_\_\_\_ at \$ \_\_\_\_\_ each
6. McKesson Label, Code Number E23PS1C will be used. If a McKesson Label is not available, attach a copy of the Supplier's label.
7. Estimate Repack Cost - Use latest Branch Repack Quarterly Analysis of cost to estimate direct labor and overhead. Consult Regional Accounting Office if information is not available. Information is taken from report for period ending \_\_\_\_\_

	Per Package	Unit Cost
a) Bulk Material	<u>160.79</u> <del>23.97</del>	<u>0.425 L - 7 1/2%</u>
b) N/R Container	<u>20.00</u> <u>16.50</u>	<u>16.50 EA</u> <del>21.00</del>
c) Direct Labor	<u>0.58</u>	<u>10.41</u>
d) Overhead	<u>1345.32</u> <del>1345.32</del>	<u>1.30 CWT</u>
e) Total cost to repack	<u>188.19</u> <del>188.20</del>	<u>1.4438</u>
f) Present cost (A-6)	<u>196.22</u>	
g) Additional Profits	<u>13.03</u> <del>14.72</del>	

Amount of profit improvement through repacking (existing business)

15 x 13.03 x 12 = 2345.40 per year  
~~14.72~~  
~~2649.60~~

Avg. Sales/mo (A-8)      Add'l Profit/Pkg

REQUEST TO REPACKAGE (CONT.)

Page 3.

(Revised - Jan. 1971)

8. Does the Branch have up-to-date Supplier's literature concerning potential hazards and their recommendations for handling and storing this material? ☒ Yes ☐ No. If not has this literature been requested? ☐ Yes ☐ No.
9. As classified by DOT, is this material "regulated"? ☒ Yes ☐ No  
If yes, the required Caution label is ☐ White ☐ Yellow  
☒ Red ☐ Other, explain \_\_\_\_\_
10. To handle this item, Branch Repackaging facilities:  
☒ Are adequately equipped requiring only a nominal amount of expense  
Estimated at \$ 0 for miscellaneous hose, fittings, e  
☐ Will require additional equipment or modification of a Capital nature  
estimated at \$ \_\_\_\_\_ This is provided in the Budget  
☐ Yes ☐ No. Furnish complete details.

C. PERSONNEL REQUIREMENTS - Advise if additional employees will be needed and the resulting additional labor expense.

*NONE*

D. ADVANTAGE AND OTHER COMMENTS

1. As a result of repacking, additional business can be expected in the near term as follows:
- a) Number of new accounts 2
  - b) Additional packages to be sold 180 per year
  - c) Additional annual sales \$ 26,496
  - d) Additional gross profit \$ 2345.40
2. Besides an apparent savings, just why is this repackaging being requested? If a competitive situation is involved, briefly discuss who, where and the exact nature of the competition.

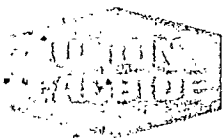
*DAKrome 1/21/82*  
(Branch Manager) (Date)

*2/2/82*  
(District Manager) (Date)

*2/2/82*  
(Regional Manager) (Date)

McK00711





# MATERIAL SAFETY DATA SHEET

(Approved by U.S. Department of Labor "Essentially Similar" to Form LSB-00S-4)



CHEMICAL NAME: ETHYL ACETATE, UNDENATURED

SYNONYMS: Acetic Acid, Ethyl Ester; Ethyl Ethanoate; Acetic Ester CHEMICAL FAMILY: Esters

FORMULA:  $\text{CH}_3\text{COOC}_2\text{H}_5$  MOLECULAR WEIGHT: 88.11

TRADE NAME AND SYNONYMS: Ethyl Acetate

## I. PHYSICAL DATA

BOILING POINT, 760 mm. Hg	77.2 °C. (171.0 °F.)	FREEZING POINT	-83.6 °C.
SPECIFIC GRAVITY ( $\text{H}_2\text{O} = 1$ )	0.9018 at 20/20 °C.	VAPOR PRESSURE at 20 °C.	76 mm. Hg
VAPOR DENSITY (air = 1)	3.04	SOLUBILITY IN WATER, % by wt. at 20 °C.	8.7
PER CENT VOLATILES BY VOLUME	100	EVAPORATION RATE (Butyl Acetate = 1)	6.15
APPEARANCE AND ODOR	Water-white liquid; esteric, fruity, and nonresidual odor.		

## II. HAZARDOUS INGREDIENTS

MATERIAL	%	TLV (Units)
Not applicable		

## III. FIRE AND EXPLOSION HAZARD DATA

FLASH POINT (test method)	31 °F., Tag open cup	AUTOIGNITION TEMPERATURE	800 °F.
FLAMMABLE LIMITS IN AIR, % by volume	LOWER	2.5	UPPER 9.0

EXTINGUISHING MEDIA	Use carbon dioxide or dry chemical for small fires. Use "alcohol"-type foam for large fires.
SPECIAL FIRE FIGHTING PROCEDURES	None
UNUSUAL FIRE AND EXPLOSION HAZARDS	None

## EMERGENCY PHONE NUMBERS

Dr. C. U. Dernehl, 212/551-4785; 914/946-0646 (night)  
Dr. K. S. Lane, 212/551-4787; 914/666-3656 (night)  
C. P. Carpenter, Ph.D., 412/327-1020; 412/241-7896 (night)

Legal responsibility is assumed only for the fact that all studies reported here and all opinions are those of qualified experts.

UNION CARBIDE CORPORATION • CHEMICALS AND PLASTICS • 270 PARK AVENUE, NEW YORK, N.Y. 10017

McK00712

## IV. HEALTH HAZARD DATA

THRESHOLD LIMIT VALUE	400 ppm.
EFFECTS OF OVEREXPOSURE	Headache, nausea, vomiting, and narcosis.
EMERGENCY AND FIRST AID PROCEDURES	Move to fresh air and call a physician. If swallowed, induce vomiting and call a physician. Flush skin and eye contact with water.

## V. REACTIVITY DATA

STABILITY		CONDITIONS TO AVOID	None
UNSTABLE	STABLE		
COMPATIBILITY (materials to avoid)		Alkali contamination	
HAZARDOUS DECOMPOSITION PRODUCTS		None	
HAZARDOUS POLYMERIZATION		CONDITIONS TO AVOID	None
May Occur	Will not Occur		

## VI. SPILL OR LEAK PROCEDURES

STEPS TO BE TAKEN IF MATERIAL IS RELEASED OR SPILLED	Eliminate all sources of ignition. Flush heavily with water.
WASTE DISPOSAL METHOD	Atomize into an incinerator.

## VII. SPECIAL PROTECTION INFORMATION

RESPIRATORY PROTECTION (specify type)		All-purpose canister mask. Chemical cartridge respirator.	
VENTILATION	LOCAL EXHAUST	Preferable	SPECIAL None
	MECHANICAL (general)	Acceptable	OTHER None
PROTECTIVE GLOVES		Rubber gloves	EYE PROTECTION Face shield
OTHER PROTECTIVE EQUIPMENT		None	

## VIII. SPECIAL PRECAUTIONS

PRECAUTIONARY LABELING	<p style="text-align: center;">ETHYL ACETATE 99% (UNDENATURED)</p> <p style="text-align: center;">WARNING! FLAMMABLE. BREATHING OF VAPOR MAY BE HARMFUL.</p> <p style="text-align: center;">Keep away from heat, sparks, and fire. Do not leave container open. Use with adequate ventilation. Avoid breathing of vapor. Avoid prolonged or repeated contact with skin.</p> <p style="text-align: center;">FOR INDUSTRY USE ONLY</p>
OTHER HANDLING AND STORAGE CONDITIONS	None

File

McKESSON CHEMICAL COMPANY  
APPROVAL TO REPACKAGE

Branch San Francisco Bay Request Date 12-5-73 Region Approved 12-11-73

Item Ethylene Glycol Technical

Request to Repack Shows  
Present Sales 120 drums /Yr  
Addn. Sales 120 drums /Yr  
Repack Cost \$10.39 cwt.

Supplier(s) Dow

Union Carbide

Packed From Compartmented Tank Truck

DOT Regulated No Commodity Label E25PS1C

Container Type New DOT 17E 55 gallon Net Contents 519 pounds

☒ Non-Returnable ☐ Returnable at \$ \_\_\_\_\_ Deposit

Flash Point 240 °F Minimum Storage Temperature \_\_\_\_\_ °F

SPECIAL NOTES AND/OR PRECAUTIONS

- ° Be cautious of contamination when switching compartments. Carefully flush the system and observe a sample to be sure.
- ° In case of spill, clean up promptly since footing becomes very slippery.
- ° In addition to labeling, stencil each drum "Ethylene Glycol Technical".

HOME OFFICE APPROVAL *C.R.R.* Date December 28, 1973

The Regional Office will insert below and on the reverse side special instructions, procedures, tips on safety and handling as an aid to the branch in utilizing the facilities and equipment available to them in the most efficient manner. When completed, sign and date the form and send copies to the branch, along with copies for Home Office, region and district files.

Completed By \_\_\_\_\_ Title \_\_\_\_\_ Date \_\_\_\_\_

McK00714

# HOME OFFICE REVIEW OF BRANCH REQUEST TO REPACKAGE

Branch SAN FRANCISCO BRANCH Request Date 12-5-73 Region Approved 12-11-73

Item ETHYLENE GLYCOL TECH Request to Repack Shows  
 Supplier(s) DOW Present Sales 120 DMS /Yr  
UNION CARBIDE Addn. Sales 120 DMS /Yr  
 Repack Cost \$10.39 CWT.

Packed From COMPARTMENTED TANKTRUCK

DOT Regulated No. Commodity Label E25 P51C  
 Container Type NEW DOT 17E 53 GAL Net Contents 519

☒ Non-Returnable ☐ Returnable at \$ \_\_\_\_\_ Deposit

Flash Point 240 OF Minimum Storage Temperature - OF

	Yes	No	Initial and Date	REPACK CODE
X C.R. PIERCE	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<u>12-20-73</u>	(11)
1. B.L. WILCOX	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<u>12-11-73</u>	(12)
2. J. P. Hobe	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<u>12-11-73</u>	(15) ETHYLENE GLYCOL TECH
3. V. T. Staraci	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<u>12-11-73</u>	
4. G. A. Gafney	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<u>12-11-73</u>	

X ECONOMIC JUSTIFICATION IS ADEQUATE AND CURRENT BUSINESS  
 WILL BE SAVED IN FACE OF SUPPLIER DISCONTINUANCE OF MIXED  
 DRUM CARLOADS.

# Foremost-McKesson, Inc.

INTRA-COMPANY CORRESPONDENCE

TO: B. L. Wilcox, Jr.  
Home Office Chemical

COPIES TO: A. M. McMahon  
R. F. Tomeo

DATE: December 11, 1973  
FROM: LOCATION: Pacific Chemical Region  
INDIVIDUAL: W. B. Westrope  
SUBJECT: REQUEST TO REPACKAGE

Attached are requests to repackage Methylene Chloride and Ethylene Glycol at the San Francisco Branch. The financial aspects appear attractive enough; however, another purpose for proposing them is because of the anticipated changes in supplier distribution procedures. Changes make them no longer obtainable in combination drum carloads because of allocations and discontinuance (Methylene Chloride) of drum distribution by the supplier.

Awaiting your approval.

*W. B. Westrope*

W. B. Westrope

bs  
attachments

REQUEST TO REPACKAGE

(Revised - Jan. 1971)

Branch San Francisco Bay

Date December 5, 1973

Name and Grade of Item to be Repacked Ethylene Glycol Tech.

Instructions - A separate form must be completed for each package size. Insert information where requested and delete units which which do not apply. Where comments are requested, be as complete as possible yet concise.

A. CURRENT INFORMATION

1. Name of Supplier Dow Chemical or Union Carbide
2. How is material now being obtained? Combination T/L Drums
3. Size and type of container 17E lined 55 gal. drum
4. Net Weight 519 lbs.
5. Amount of Supplier's Container Deposit \$ None
6. Present cost into stock including freight but less any allowances
  - a) Unit Cost \$ 12.15 (cwt) (~~gals~~)
  - b) Package Cost \$ 63.06 each
7. Number of Current Branch Customers 3
8. Average monthly Sales to these Customers 10 (drums) (~~gals~~)/mo. ✓

B. PACKAGING PROPOSAL

1. Name of Supplier (s) Dow Chemical/Union Carbide
2. Is material to be Packed from Supplier's Drums? ☐ Yes ☒ No  
If yes, Supplier's container Deposit is \$ N/A  
If no, complete items 3 and 4 below
3. 2,000 gallons of Bulk material will be received in (multi) (single) compartment (tank car) (tank truck). If more than one compartment identify other items in the load Acetone, Dowanol EB, MEK